Leigh W Simmons

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7449995/publications.pdf

Version: 2024-02-01

378 papers	22,553 citations	6592 79 h-index	15683 125 g-index
394 all docs	394 docs citations	394 times ranked	10286 citing authors

#	Article	IF	Citations
1	Sexual selection and mate choice. Trends in Ecology and Evolution, 2006, 21, 296-302.	4.2	895
2	Reactive oxygen species as universal constraints in life-history evolution. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1737-1745.	1.2	525
3	Attractiveness and sexual behavior: Does attractiveness enhance mating success?. Evolution and Human Behavior, 2005, 26, 186-201.	1.4	419
4	The Evolution of Polyandry: Sperm Competition, Sperm Selection, and Offspring Viability. Annual Review of Ecology, Evolution, and Systematics, 2005, 36, 125-146.	3.8	418
5	Experimental reversal of courtship roles in an insect. Nature, 1990, 346, 172-174.	13.7	307
6	Does sexual dimorphism in human faces signal health?. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, S93-5.	1.2	291
7	Sperm wars and the evolution of male fertility. Reproduction, 2012, 144, 519-534.	1.1	286
8	The effects of sex hormones on immune function: a meta-analysis. Biological Reviews, 2017, 92, 551-571.	4.7	286
9	Towards a resolution of the lek paradox. Nature, 2001, 410, 684-686.	13.7	269
10	Evolutionary trade-off between weapons and testes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16346-16351.	3.3	269
11	Female choice in the field cricket Gryllus bimaculatus (De Geer). Animal Behaviour, 1986, 34, 1463-1470.	0.8	265
12	Inter-male competition and mating success in the field cricket, Gryllus bimaculatus (de Geer). Animal Behaviour, 1986, 34, 567-579.	0.8	224
13	Patterns of fluctuating asymmetry in beetle horns: an experimental examination of the honest signalling hypothesis. Behavioral Ecology and Sociobiology, 1997, 41, 109-114.	0.6	220
14	Image content influences men's semen quality. Biology Letters, 2005, 1, 253-255.	1.0	216
15	Sexual selection and genital evolution. Austral Entomology, 2014, 53, 1-17.	0.8	211
16	Sperm Viability Matters in Insect Sperm Competition. Current Biology, 2005, 15, 271-275.	1.8	210
17	SPERM COMPETITION GAMES: A GENERAL MODEL FOR PRECOPULATORY MALE-MALE COMPETITION. Evolution; International Journal of Organic Evolution, 2013, 67, 95-109.	1.1	193
18	Polyandry as a mediator of sexual selection before and after mating. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120042.	1.8	193

#	Article	IF	Citations
19	The calling song of the field cricket, Gryllus bimaculatus (de geer): constraints on transmission and its role in intermale competition and female choice. Animal Behaviour, 1988, 36, 380-394.	0.8	191
20	Sperm competition as a mechanism of female choice in the field cricket, Gryllus bimaculatus. Behavioral Ecology and Sociobiology, 1987, 21, 197-202.	0.6	188
21	Sperm competition: linking form to function. BMC Evolutionary Biology, 2008, 8, 319.	3.2	184
22	Sperm competition games played by dimorphic male beetles. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 145-150.	1.2	183
23	EVOLUTION OF EJACULATES: PATTERNS OF PHENOTYPIC AND GENOTYPIC VARIATION AND CONDITION DEPENDENCE IN SPERM COMPETITION TRAITS. Evolution; International Journal of Organic Evolution, 2002, 56, 1622-1631.	1.1	170
24	MATERNAL AND PATERNAL EFFECTS ON OFFSPRING PHENOTYPE IN THE DUNG BEETLE ONTHOPHAGUS TAURUS. Evolution; International Journal of Organic Evolution, 2000, 54, 936-941.	1.1	168
25	Sperm competition selects for increased testes mass in Australian frogs. Journal of Evolutionary Biology, 2002, 15, 347-355.	0.8	155
26	Evolution of phenotypic optima and copula duration in dungflies. Nature, 1994, 370, 53-56.	13.7	153
27	Genital morphology and fertilization success in the dung beetleOnthophagus taurus: an example of sexually selected male genitalia. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 447-455.	1.2	151
28	Evolution of Sexual Dimorphism and Male Dimorphism in the Expression of Beetle Horns: Phylogenetic Evidence for Modularity, Evolutionary Lability, and Constraint. American Naturalist, 2005, 166, S42-S68.	1.0	151
29	Sperm competition and the evolution of gamete morphology in frogs. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 2079-2086.	1.2	140
30	The contribution of multiple mating and spermatophore consumption to the lifetime reproductive success of female field crickets (Gryllus bimaculatus). Ecological Entomology, 1988, 13, 57-69.	1.1	139
31	Male size, mating potential and lifetime reproductive success in the field cricket, Gryllus bimaculatus (De Geer). Animal Behaviour, 1988, 36, 372-379.	0.8	138
32	The evolution of polyandry: an examination of the genetic incompatibility and good-sperm hypotheses. Journal of Evolutionary Biology, 2001, 14, 585-594.	0.8	137
33	Perceived Health Contributes to the Attractiveness of Facial Symmetry, Averageness, and Sexual Dimorphism. Perception, 2007, 36, 1244-1252.	0.5	134
34	EVOLUTIONARY REDUCTION IN TESTES SIZE AND COMPETITIVE FERTILIZATION SUCCESS IN RESPONSE TO THE EXPERIMENTAL REMOVAL OF SEXUAL SELECTION IN DUNG BEETLES. Evolution; International Journal of Organic Evolution, 2008, 62, 2580-2591.	1.1	134
35	Status-dependent selection in the dimorphic beetle Onthophagus taurus. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 2409-2414.	1.2	133
36	Evolutionary Trade-Off between Secondary Sexual Traits and Ejaculates. Trends in Ecology and Evolution, 2017, 32, 964-976.	4.2	128

#	Article	IF	Citations
37	Sexual selection and the allometry of earwig forceps. Evolutionary Ecology, 1996, 10, 97-104.	0.5	126
38	The frequency of multiple paternity predicts variation in testes size among island populations of house mice. Journal of Evolutionary Biology, 2008, 21, 1524-1533.	0.8	125
39	Predictors of facial attractiveness and health in humans. Scientific Reports, 2017, 7, 39731.	1.6	125
40	Variability in call structure and pairing success of male field crickets, Gryllus bimaculatus: the effects of age, size and parasite load. Animal Behaviour, 1992, 44, 1145-1152.	0.8	122
41	Correlates of male quality in the field cricket, Gryllus campestris L.: age, size, and symmetry determine pairing success in field populations. Behavioral Ecology, 1995, 6, 376-381.	1.0	122
42	Longevity cost of reproduction for males but no longevity cost of mating or courtship for females in the male-dimorphic dung beetle Onthophagus binodis. Journal of Insect Physiology, 2003, 49, 817-822.	0.9	122
43	Bushcricket spermatophores vary in accord with sperm competition and parental investment theory. Proceedings of the Royal Society B: Biological Sciences, 1993, 251, 183-186.	1.2	121
44	Female monopolization mediates the relationship between pre- and postcopulatory sexual traits. Nature Communications, 2014, 5, 3184.	5.8	120
45	Human sperm competition: testis size, sperm production and rates of extrapair copulations. Animal Behaviour, 2004, 68, 297-302.	0.8	115
46	Female choice contributes to offspring fitness in the field cricket, Gryllus bimaculatus (De Geer). Behavioral Ecology and Sociobiology, 1987, 21, 313-321.	0.6	114
47	GENETIC DIVERSITY REVEALED IN HUMAN FACES. Evolution; International Journal of Organic Evolution, 2008, 62, 2473-2486.	1.1	114
48	Sexual selection and its evolutionary consequences in female animals. Biological Reviews, 2019, 94, 929-956.	4.7	114
49	Insect Sperm Motility. Biological Reviews, 2008, 83, 191-208.	4.7	111
50	Sperm Swimming Velocity Predicts Competitive Fertilization Success in the Green Swordtail Xiphophorus helleri. PLoS ONE, 2010, 5, e12146.	1.1	110
51	The refractory period of female katydids (Orthoptera: Tettigoniidae): sexual conflict over the remating interval?. Behavioral Ecology, 1991, 2, 276-282.	1.0	108
52	Sperm Displacement in the Yellow Dung Fly,Scatophaga stercoraria: An Investigation of Male and Female Processes. American Naturalist, 1999, 153, 302-314.	1.0	108
53	Copula duration and testes size in the yellow dung fly, Scathophaga stercoraria (L.) : the effects of diet, body size, and mating history. Behavioral Ecology and Sociobiology, 1991, 29, 77-85.	0.6	106
54	The genetics of maternal care: Direct and indirect genetic effects on phenotype in the dung beetle Onthophagus taurus. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6828-6832.	3.3	105

#	Article	IF	Citations
55	Male Crickets Adjust the Viability of Their Sperm in Response to Female Mating Status. American Naturalist, 2007, 170, 190-195.	1.0	105
56	Bacterial Immunity Traded for Sperm Viability in Male Crickets. Science, 2005, 309, 2031-2031.	6.0	104
57	Evolutionary Response to Sexual Selection in Male Genital Morphology. Current Biology, 2009, 19, 1442-1446.	1.8	104
58	Microsatellite evidence for monogamy and sexâ€biased recombination in the Western Australian seahorseHippocampus angustus. Molecular Ecology, 1998, 7, 1497-1505.	2.0	102
59	Sexual selection on cuticular hydrocarbons in the Australian field cricket, Teleogryllus oceanicus. BMC Evolutionary Biology, 2009, 9, 162.	3.2	102
60	Males Influence Maternal Effects That Promote Sexual Selection: A Quantitative Genetic Experiment with Dung BeetlesOnthophagus taurus. American Naturalist, 2003, 161, 852-859.	1.0	101
61	The evolution of polyandry: intrinsic sire effects contribute to embryo viability. Journal of Evolutionary Biology, 2005, 18, 1097-1103.	0.8	100
62	Sperm competition or sperm selection: no evidence for female influence over paternity in yellow dung flies Scatophaga stercoraria. Behavioral Ecology and Sociobiology, 1996, 38, 199-206.	0.6	99
63	COMPARING EVOLVABILITIES: COMMON ERRORS SURROUNDING THE CALCULATION AND USE OF COEFFICIENTS OF ADDITIVE GENETIC VARIATION. Evolution; International Journal of Organic Evolution, 2012, 66, 2341-2349.	1.1	99
64	Testosterone is associated with mating success but not attractiveness or masculinity in human males. Animal Behaviour, 2008, 76, 297-303.	0.8	98
65	MALE CONTEST COMPETITION AND THE COEVOLUTION OF WEAPONRY AND TESTES IN PINNIPEDS. Evolution; International Journal of Organic Evolution, 2012, 66, 3595-3604.	1.1	98
66	Resource allocation trade-off between sperm quality and immunity in the field cricket, Teleogryllus oceanicus. Behavioral Ecology, 2012, 23, 168-173.	1.0	97
67	Quantification of role reversal in relative parental investment in a bush cricket. Nature, 1992, 358, 61-63.	13.7	96
68	Paternal Indirect Genetic Effects on Offspring Viability and the Benefits of Polyandry. Current Biology, 2007, 17, 32-36.	1.8	96
69	Fluctuating paradigm. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 593-595.	1.2	95
70	SPERM COMPETITION GAMES BETWEEN SNEAKS AND GUARDS: A COMPARATIVE ANALYSIS USING DIMORPHIC MALE BEETLES. Evolution; International Journal of Organic Evolution, 2007, 61, 2684-2692.	1.1	95
71	GEOGRAPHIC VARIATION IN FEMALE PREFERENCE FUNCTIONS AND MALE SONGS OF THE FIELD CRICKET TELEOGRYLLUS OCEANICUS. Evolution; International Journal of Organic Evolution, 2001, 55, 1386-1394.	1.1	94
72	Symmetry in the songs of crickets. Proceedings of the Royal Society B: Biological Sciences, 1996, 263, 1305-1311.	1.2	92

#	Article	IF	Citations
73	SHORTER SPERM CONFER HIGHER COMPETITIVE FERTILIZATION SUCCESS. Evolution; International Journal of Organic Evolution, 2007, 61, 816-824.	1.1	92
74	Variation in paternity in the field cricket Teleogryllus oceanicus: no detectable influence of sperm numbers or sperm length. Behavioral Ecology, 2003, 14, 539-545.	1.0	91
75	A model of constant random sperm displacement during mating: evidence from Scatophaga. Proceedings of the Royal Society B: Biological Sciences, 1991, 246, 107-115.	1.2	90
76	The evolution of polyandry: patterns of genotypic variation in female mating frequency, male fertilization success and a test of the sexy-sperm hypothesis. Journal of Evolutionary Biology, 2003, 16, 624-634.	0.8	89
77	Sperm midpiece length predicts sperm swimming velocity in house mice. Biology Letters, 2010, 6, 513-516.	1.0	88
78	POLYANDRY FACILITATES POSTCOPULATORY INBREEDING AVOIDANCE IN HOUSE MICE. Evolution; International Journal of Organic Evolution, 2008, 62, 603-611.	1.1	85
79	Variance in female quality, operational sex ratio and male mate choice in a bushcricket. Behavioral Ecology and Sociobiology, 1999, 45, 245-252.	0.6	84
80	Contributions of the face and body to overall attractiveness. Animal Behaviour, 2007, 73, 937-942.	0.8	83
81	Kin recognition and its influence on mating preferences of the field cricket, Gryllus bimaculatus (de) Tj ETQq1 1 0.784314 rgBT /Overl	0.8	82
82	EXPERIMENTAL EVOLUTION OF SPERM QUALITY VIA POSTCOPULATORY SEXUAL SELECTION IN HOUSE MICE. Evolution; International Journal of Organic Evolution, 2009, 64, 1245-56.	1.1	82
83	Male crickets adjust ejaculate quality with both risk and intensity of sperm competition. Biology Letters, 2007, 3, 520-522.	1.0	81
84	Sperm competition selects for male mate choice and protandry in the bushcricket, Requena verticalis (Orthoptera: Tettigoniidae). Animal Behaviour, 1994, 47, 117-122.	0.8	80
85	Postcopulatory inbreeding avoidance by female crickets only revealed by molecular markers. Molecular Ecology, 2006, 15, 3817-3824.	2.0	80
86	Female preference for male courtship song and its role as a signal of immune function and condition. Animal Behaviour, 2006, 72, 809-818.	0.8	80
87	Ejaculate expenditure by malebush crickets decreases with sperm competition intensity. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 1203-1208.	1.2	79
88	Sexual dimorphism in cuticular hydrocarbons of the Australian field cricket Teleogryllus oceanicus (Orthoptera: Gryllidae). Journal of Insect Physiology, 2008, 54, 1081-1089.	0.9	78
89	Male dominance influences pheromone expression, ejaculate quality, and fertilization success in the Australian field cricket, Teleogryllus oceanicus. Behavioral Ecology, 2009, 20, 1118-1124.	1.0	78
90	Male-derived cuticular hydrocarbons signal sperm competition intensity and affect ejaculate expenditure in crickets. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 383-388.	1.2	78

#	Article	IF	Citations
91	Female preferences for acoustic and olfactory signals during courtship: male crickets send multiple messages. Behavioral Ecology, 2013, 24, 1099-1107.	1.0	78
92	Reproductive strategies of the crickets (Orthoptera: Gryllidae). , 1997, , 89-109.		77
93	Are human preferences for facial symmetry focused on signals of developmental instability?. Behavioral Ecology, 2004, 15, 864-871.	1.0	76
94	Confidence of paternity and paternal care: covariation revealed through the experimental manipulation of the mating system in the beetle Onthophagus taurus. Journal of Evolutionary Biology, 2002, 15, 784-795.	0.8	74
95	The relationship between sexual dimorphism in human faces and fluctuating asymmetry. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S233-6.	1.2	74
96	Polyandry, sperm competition, and reproductive success in mice. Behavioral Ecology, 2008, 19, 695-702.	1.0	73
97	Some costs of reproduction for male bushcrickets, Requena verticalis (Orthoptera : Tettigoniidae) allocating resources to mate attraction and nuptial feeding. Behavioral Ecology and Sociobiology, 1992, 31, 57-62.	0.6	72
98	Coercive mating, fluctuating asymmetry and male mating success in the dung flySepsis cynipsea. Animal Behaviour, 1996, 52, 737-741.	0.8	72
99	The genetic basis of traits regulating sperm competition and polyandry: can selection favour the evolution of good- and sexy-sperm?. Genetica, 2008, 134, 5-19.	0.5	72
100	Preferences across the Menstrual Cycle for Masculinity and Symmetry in Photographs of Male Faces and Bodies. PLoS ONE, 2009, 4, e4138.	1.1	72
101	Behavioural dynamics of biparental care in the dung beetle Onthophagus taurus. Animal Behaviour, 2002, 64, 65-75.	0.8	71
102	Sexual conflict and correlated evolution between male persistence and female resistance traits in the seed beetle Callosobruchus maculatus. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170132.	1.2	71
103	Experimental coevolution of male and female genital morphology. Nature Communications, 2011, 2, 374.	5.8	70
104	Patterns of parental provisioning covary with male morphology in a horned beetle (Onthophagus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	69
105	Reproductive competition promotes the evolution of female weaponry. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2035-2040.	1.2	69
106	Quantitative genetic variation in courtship song and its covariation with immune function and sperm quality in the field cricket Teleogryllus oceanicus. Behavioral Ecology, 2010, 21, 1330-1336.	1.0	69
107	Immune function reflected in calling song characteristics in a natural population of the cricket Teleogryllus commodus. Animal Behaviour, 2005, 69, 1235-1241.	0.8	67
108	Quantitative genetic correlation between trait and preference supports a sexually selected sperm process. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16604-16608.	3.3	67

#	Article	IF	Citations
109	Effects of vitamin E and betaâ€carotene on sperm competitiveness. Ecology Letters, 2011, 14, 891-895.	3.0	67
110	Optimal copula duration in yellow dung flies: effects of female size and egg content. Animal Behaviour, 1999, 57, 795-805.	0.8	66
111	COMPLEX PATTERNS OF MULTIVARIATE SELECTION ON THE EJACULATE OF A BROADCAST SPAWNING MARINE INVERTEBRATE. Evolution; International Journal of Organic Evolution, 2012, 66, 2451-2460.	1.1	65
112	Sperm competition games played by dimorphic male beetles: fertilization gains with equal mating access. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 1547-1553.	1.2	64
113	Live fast die young life history in females: evolutionary trade-off between early life mating and lifespan in female Drosophila melanogaster. Scientific Reports, 2015, 5, 15469.	1.6	64
114	The influence of diet and environment on the gut microbial community of field crickets. Ecology and Evolution, 2018, 8, 4704-4720.	0.8	63
115	Shortâ€term changes in numbers of the yellow dung fly Scathophaga stercoraria (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	62
116	Model Systems, Taxonomic Bias, and Sexual Selection: Beyond Drosophila. Annual Review of Entomology, 2014, 59, 321-338.	5.7	62
117	Acousticallyâ€orienting parasitoids in calling and silent males of the field cricket Teleogryllus oceanicus. Ecological Entomology, 1995, 20, 380-383.	1.1	61
118	Heritability of a male character chosen by females of the field cricket,Gryllus bimaculatus. Behavioral Ecology and Sociobiology, 1987, 21, 129-133.	0.6	60
119	The heritability of sexually dimorphic traits in the yellow dung fly Scathophaga stercoraria (L.). Journal of Evolutionary Biology, 1991, 4, 593-601.	0.8	60
120	RELATIONSHIPS BETWEEN SPERM LENGTH AND SPEED DIFFER AMONG THREE INTERNALLY AND THREE EXTERNALLY FERTILIZING SPECIES. Evolution; International Journal of Organic Evolution, 2014, 68, 92-104.	1.1	60
121	Dimorphisms and fluctuating asymmetry in the forceps of male earwigs. Journal of Evolutionary Biology, 1996, 9, 753-770.	0.8	59
122	Female choice and manipulations of forceps size and symmetry in the earwigForficula auricularia L.. Animal Behaviour, 1998, 56, 347-356.	0.8	59
123	Sex differences in immunity in two species of field crickets. Canadian Journal of Zoology, 2004, 82, 627-634.	0.4	59
124	Experimental evolution of sperm competitiveness in a mammal. BMC Evolutionary Biology, 2011, 11, 19.	3.2	59
125	Are human female preferences for symmetrical male faces enhanced when conception is likely?. Animal Behaviour, 2002, 64, 233-238.	0.8	58
126	The evolution of male genitalia: patterns of genetic variation and covariation in the genital sclerites of the dung beetle Onthophagus taurus. Journal of Evolutionary Biology, 2005, 18, 1281-1292.	0.8	58

#	Article	IF	Citations
127	The role of cuticular hydrocarbons in male attraction and repulsion by female Dawson's burrowing bee, Amegilla dawsoni. Animal Behaviour, 2003, 66, 677-685.	0.8	57
128	Sperm competitiveness in frogs: slow and steady wins the race. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3955-3961.	1.2	57
129	Sperm and seminal fluid proteomes of the field cricket <scp>T</scp>eleogryllus oceanicus: identification of novel proteins transferred to females at mating. Insect Molecular Biology, 2013, 22, 115-130.	1.0	57
130	Phonotactic parasitoids and cricket song structure: An evaluation of alternative hypotheses. Evolutionary Ecology, 1996, 10, 233-243.	0.5	55
131	Evolutionary quantitative genetics of sperm. , 2009, , 405-434.		55
132	EXPERIMENTAL EVIDENCE FOR THE EVOLUTION OF THE MAMMALIAN BACULUM BY SEXUAL SELECTION. Evolution; International Journal of Organic Evolution, 2014, 68, 276-283.	1.1	55
133	FITNESS CONSEQUENCES OF PARENTAL COMPATIBILITY IN THE FROGCRINIA GEORGIANA. Evolution; International Journal of Organic Evolution, 2008, 62, 879-886.	1.1	54
134	The evolution of male genitalia: functional integration of genital sclerites in the dung beetle Onthophagus taurus. Biological Journal of the Linnean Society, 0, 93, 257-266.	0.7	54
135	Relative Parental Expenditure, Potential Reproductive Rates, and the Control of Sexual Selection in Katydids. American Naturalist, 1995, 145, 797-808.	1.0	53
136	Ejaculate Economics: Testing the Effects of Male Sexual History on the Trade-Off between Sperm and Immune Function in Australian Crickets. PLoS ONE, 2012, 7, e30172.	1.1	53
137	EVIDENCE FOR STABILIZING SELECTION AND SLOW DIVERGENT EVOLUTION OF MALE GENITALIA IN A MILLIPEDE (ANTICHIROPUS VARIABILIS). Evolution; International Journal of Organic Evolution, 2012, 66, 1138-1153.	1.1	53
138	Cuticular hydrocarbons influence female attractiveness to males in the Australian field cricket, Teleogryllus oceanicus. Journal of Evolutionary Biology, 2010, 23, 707-714.	0.8	52
139	Patterns of fluctuating asymmetry in earwig forceps: no evidence for reliable signalling. Proceedings of the Royal Society B: Biological Sciences, 1995, 259, 89-96.	1.2	51
140	A cost of maternal care in the dung beetle Onthophagus taurus?. Journal of Evolutionary Biology, 2002, 15, 57-64.	0.8	50
141	Cuticular hydrocarbons are heritable in the cricket Teleogryllus oceanicus. Journal of Evolutionary Biology, 2008, 21, 801-806.	0.8	50
142	Among-population covariation between sperm competition and ejaculate expenditure in frogs. Behavioral Ecology, 2010, 21, 322-328.	1.0	50
143	Women can judge sexual unfaithfulness from unfamiliar men's faces. Biology Letters, 2013, 9, 20120908.	1.0	50
144	The evolution of female genitalia. Journal of Evolutionary Biology, 2019, 32, 882-899.	0.8	50

#	Article	IF	Citations
145	Sperm competition and the evolution of precopulatory weapons: Increasing male density promotes sperm competition and reduces selection on arm strength in a chorusing frog. Evolution; International Journal of Organic Evolution, 2015, 69, 2613-2624.	1.1	49
146	CALLING SONGS OF FIELD CRICKETS (TELEOGRYLLUS OCEANICUS) WITH AND WITHOUT PHONOTACTIC PARASITOID INFECTION. Evolution; International Journal of Organic Evolution, 1998, 52, 166-171.	1.1	48
147	Geographical variation in calling song of the field cricket Teleogryllus oceanicus: the importance of spatial scale. Journal of Evolutionary Biology, 2008, 14, 731-741.	0.8	48
148	SEXUAL SELECTION CAN REMOVE AN EXPERIMENTALLY INDUCED MUTATION LOAD. Evolution; International Journal of Organic Evolution, 2014, 68, 295-300.	1.1	48
149	Socially cued seminal fluid gene expression mediates responses in ejaculate quality to sperm competition risk. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171486.	1.2	48
150	Female genitalia can evolve more rapidly and divergently than male genitalia. Nature Communications, 2019, 10, 1312.	5.8	47
151	Are body fluctuating asymmetry and the ratio of 2nd to 4th digit length reliable predictors of semen quality?. Human Reproduction, 2003, 18, 808-812.	0.4	46
152	Crickets detect the genetic similarity of mating partners via cuticular hydrocarbons. Journal of Evolutionary Biology, 2011, 24, 1793-1800.	0.8	46
153	Reproductive investment in bushcrickets: the allocation of male and female nutrients to offspring. Proceedings of the Royal Society B: Biological Sciences, 1993, 252, 1-5.	1.2	44
154	Polyandry in the wild: temporal changes in female mating frequency and sperm competition intensity in natural populations of the tettigoniid Requena verticalis. Molecular Ecology, 2007, 16, 4613-4623.	2.0	44
155	STRATEGIC ADJUSTMENTS IN SPERM PRODUCTION WITHIN AND BETWEEN TWO ISLAND POPULATIONS OF HOUSE MICE. Evolution; International Journal of Organic Evolution, 2013, 67, n/a-n/a.	1.1	44
156	Gametic interactions promote inbreeding avoidance in house mice. Ecology Letters, 2015, 18, 937-943.	3.0	44
157	Calling Songs of Field Crickets (Teleogryllus oceanicus) With and Without Phonotactic Parasitoid Infection. Evolution; International Journal of Organic Evolution, 1998, 52, 166.	1.1	43
158	The strength of postcopulatory sexual selection within natural populations of field crickets. Behavioral Ecology, 2010, 21, 1179-1185.	1.0	43
159	Can minor males of Dawson's burrowing bee, Amegilla dawsoni (Hymenoptera: Anthophorini) compensate for reduced access to virgin females through sperm competition?. Behavioral Ecology, 2000, 11, 319-325.	1.0	42
160	Seminal Fluid Affects Sperm Viability in a Cricket. PLoS ONE, 2011, 6, e17975.	1.1	42
161	Low Pitched Voices Are Perceived as Masculine and Attractive but Do They Predict Semen Quality in Men?. PLoS ONE, 2011, 6, e29271.	1.1	42
162	Facial Attractiveness Ratings from Video-Clips and Static Images Tell the Same Story. PLoS ONE, 2011, 6, e26653.	1.1	42

#	Article	IF	Citations
163	Egg jelly influences sperm motility in the externally fertilizing frog,Crinia georgiana. Journal of Evolutionary Biology, 2009, 22, 225-229.	0.8	41
164	Female crickets assess relatedness during mate guarding and bias storage of sperm towards unrelated males. Journal of Evolutionary Biology, 2013, 26, 1261-1268.	0.8	40
165	CORRELATED EVOLUTION OF SEXUAL DIMORPHISM AND MALE DIMORPHISM IN A CLADE OF NEOTROPICAL HARVESTMEN. Evolution; International Journal of Organic Evolution, 2014, 68, 1671-1686.	1.1	40
166	Ageâ€dependent tradeâ€offs between immunity and male, but not female, reproduction. Journal of Animal Ecology, 2013, 82, 235-244.	1.3	39
167	Sperm competition suppresses gene drive among experimentally evolving populations of house mice. Molecular Ecology, 2017, 26, 5784-5792.	2.0	39
168	Pheromonal cues for the recognition of kin by female field crickets, Gryllus bimaculatus. Animal Behaviour, 1990, 40, 192-195.	0.8	38
169	Courtship role reversal in bush crickets: another role for parasites?. Behavioral Ecology, 1994, 5, 259-266.	1.0	38
170	Mate choice in the dung beetle Onthophagus sagittarius: are female horns ornaments?. Behavioral Ecology, 2010, 21, 424-430.	1.0	38
171	Short-term phenotypic plasticity in long-chain cuticular hydrocarbons. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3123-3128.	1.2	38
172	Does attractiveness in men provide clues to semen quality?. Journal of Evolutionary Biology, 2008, 21, 572-579.	0.8	37
173	Acoustic cues alter perceived sperm competition risk in the field cricket Teleogryllus oceanicus. Behavioral Ecology, 2013, 24, 982-986.	1.0	37
174	Experimental manipulation reveals a tradeâ€off between weapons and testes. Journal of Evolutionary Biology, 2018, 31, 57-65.	0.8	37
175	Some constraints on reproduction for male bushcrickets, Requena verticalis (Orthoptera :) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.6	36
176	Genetic analysis of parentage within experimental populations of a male dimorphic beetle, Onthophagus taurus, using amplified fragment length polymorphism. Behavioral Ecology and Sociobiology, 2004, 57, 164-173.	0.6	36
177	No fecundity cost of female secondary sexual trait expression in the horned beetle Onthophagus sagittarius. Journal of Evolutionary Biology, 2008, 21, 1227-1235.	0.8	36
178	Mating tactics determine patterns of condition dependence in a dimorphic horned beetle. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2347-2353.	1.2	36
179	Patterns of fluctuating asymmetry in beetle horns: no evidence for reliable signaling. Behavioral Ecology, 1998, 9, 465-470.	1.0	35
180	No evidence for condition-dependent expression of male genitalia in the dung beetle Onthophagus taurus. Journal of Evolutionary Biology, 2007, 20, 1322-1332.	0.8	35

#	Article	IF	Citations
181	Genetic dissimilarity, genetic diversity, and mate preferences in humans. Evolution and Human Behavior, 2010, 31, 48-58.	1.4	35
182	Microâ€‹scp›CT‹/scp› scanning provides insight into the functional morphology of millipede genitalia. Journal of Zoology, 2012, 287, 91-95.	0.8	35
183	Estimating relatedness and inbreeding using molecular markers and pedigrees: the effect of demographic history. Molecular Ecology, 2013, 22, 5779-5792.	2.0	35
184	Divergence in genital morphology may contribute to mechanical reproductive isolation in a millipede. Ecology and Evolution, 2013, 3, 334-343.	0.8	35
185	Competition Between Larvae of the Field Cricket, Gryllus bimaculatus (Orthoptera: Gryllidae) and its Effects on Some Life-History Components of Fitness. Journal of Animal Ecology, 1987, 56, 1015.	1.3	34
186	Heritability of size but not symmetry in a sexually selected trait chosen by female earwigs. Heredity, 1999, 82, 151-157.	1.2	34
187	Genotypic variation in calling song and female preferences of the field cricket Teleogryllus oceanicus. Animal Behaviour, 2004, 68, 313-322.	0.8	34
188	Sperm competition and the evolution of the sperm hook in house mice. Journal of Evolutionary Biology, 2009, 22, 2505-2511.	0.8	34
189	Evolutionary change in testes tissue composition among experimental populations of house mice. Evolution; International Journal of Organic Evolution, 2015, 69, 848-855.	1.1	34
190	Male potential reproductive rate influences mate choice in a bushcricket. Animal Behaviour, 1998, 55, 1499-1506.	0.8	33
191	Costs of breeding and their effects on the direction of sexual selection. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 465-470.	1.2	33
192	Maternal effects on male weaponry: female dung beetles produce major sons with longer horns when they perceive higher population density. BMC Evolutionary Biology, 2012, 12, 118.	3.2	33
193	Experimental evolution reveals trade-offs between mating and immunity. Biology Letters, 2013, 9, 20130262.	1.0	33
194	X-ray micro-CT scanning reveals temporal separation of male harm and female kicking during traumatic mating in seed beetles. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170550.	1.2	33
195	OPTIMAL COPULA DURATION IN YELLOW DUNG FLIES: EJACULATORY DUCT DIMENSIONS AND SIZE-DEPENDENT SPERM DISPLACEMENT. Evolution; International Journal of Organic Evolution, 2000, 54, 924-935.	1.1	32
196	Male house mice evolving with postâ€‹copulatory sexual selection sire embryos with increased viability. Ecology Letters, 2012, 15, 42-46.	3.0	32
197	MICROSATELLITE ANALYSIS OF SPERM-USE PATTERNS IN THE BUSHCRICKET REQUENA VERTICALIS. Evolution; International Journal of Organic Evolution, 2000, 54, 942-952.	1.1	31
198	Maleâ€‹induced costs of mating for females compensated by offspring viability benefits in an insect. Journal of Evolutionary Biology, 2010, 23, 2066-2075.	0.8	31

#	Article	IF	Citations
199	Assortative mating for relatedness in a large naturally occurring population of Drosophila melanogaster. Journal of Evolutionary Biology, 2012, 25, 716-725.	0.8	31
200	Courtship Feeding in Katydids (Orthoptera: Tettigoniidae): Investment in Offspring and in Obtaining Fertilizations. American Naturalist, 1995, 146, 307-315.	1.0	31
201	Unfamiliar citations breed mistakes. Nature, 1999, 400, 307-307.	13.7	30
202	Brood-provisioning strategies in Dawson's burrowing bee, Amegilla dawsoni (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	0.6	30
203	Testes investment and spawning mode in pipefishes and seahorses (Syngnathidae). Biological Journal of the Linnean Society, 2004, 83, 369-376.	0.7	30
204	The effects of reproduction on courtship, fertility and longevity within and between alternative male mating tactics of the horned beetle, Onthophagus binodis. Journal of Evolutionary Biology, 2007, 20, 488-495.	0.8	30
205	Tissue-Specific Transcriptomics in the Field Cricket Teleogryllus oceanicus. G3: Genes, Genomes, Genetics, 2013, 3, 225-230.	0.8	30
206	The effect of maternal and paternal immune challenge on offspring immunity and reproduction in a cricket. Journal of Evolutionary Biology, 2014, 27, 1020-1028.	0.8	30
207	Population density mediates the interaction between preâ€•and postmating sexual selection. Evolution; International Journal of Organic Evolution, 2018, 72, 893-905.	1.1	30
208	Social manipulation of sperm competition intensity reduces seminal fluid gene expression. Biology Letters, 2018, 14, 20170659.	1.0	30
209	Optimal maternal investment in the dung beetle Onthophagus taurus ?. Behavioral Ecology and Sociobiology, 2004, 55, 302-312.	0.6	29
210	Secondary sexual trait size reveals competitive fertilization success in Drosophila bipectinata Duda. Behavioral Ecology, 2009, 20, 753-760.	1.0	29
211	Age Structure of Parasitized and Unparasitized Populations of the Field Cricket Teleogryllus oceanicus. Ethology, 1994, 98, 333-340.	0.5	29
212	Reproductive Competition and its Impact on the Evolution and Ecology of Dung Beetles. , 2011, , 1-20.		29
213	Male crickets alter the relative expression of cuticular hydrocarbons when exposed to different acoustic environments. Animal Behaviour, 2011, 82, 49-53.	0.8	29
214	Flight behaviour of honey bee (Apis mellifera) workers is altered by initial infections of the fungal parasite Nosema apis. Scientific Reports, 2016, 6, 36649.	1.6	29
215	Reproductive energetics of the role reversing bushcricket, Kawanaphila nartee (Orthoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.8	28
216	Sperm morphology, motility and fertilisation capacity in the myobatrachid frog Crinia georgiana. Reproduction, Fertility and Development, 2010, 22, 516.	0.1	28

#	Article	IF	Citations
217	PATTERNS OF PATERNITY SKEW AMONG POLYANDROUS SOCIAL INSECTS: WHAT CAN THEY TELL US ABOUT THE POTENTIAL FOR SEXUAL SELECTION?. Evolution; International Journal of Organic Evolution, 2012, 66, 3778-3788.	1.1	28
218	Ontogenetic changes in seminal fluid gene expression and the protein composition of cricket seminal fluid. Evolution & Development, 2014, 16, 101-109.	1.1	28
219	Function of copulatory plugs in house mice: mating behavior and paternity outcomes of rival males. Behavioral Ecology, 2016, 27, 185-195.	1.0	28
220	Nutritional geometry of paternal effects on embryo mortality. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171492.	1.2	28
221	How well does secondâ€“toâ€“fourthâ€“digit ratio in hands correlate with other indications of masculinity in males?. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S296-8.	1.2	27
222	Inbreeding depression in the competitive fertilization success of male crickets. Journal of Evolutionary Biology, 2011, 24, 415-421.	0.8	27
223	Male genital morphology influences paternity success in the millipede Antichiropus variabilis. Behavioral Ecology and Sociobiology, 2011, 65, 1843-1856.	0.6	27
224	Offspring viability benefits but no apparent costs of mating with high quality males. Biology Letters, 2011, 7, 419-421.	1.0	27
225	Selection on male physical performance during maleâ€“male competition and female choice. Behavioral Ecology, 2016, 27, 1288-1295.	1.0	27
226	Relative influence of male and female genital morphology on paternity in the dung beetle Onthophagus taurus. Behavioral Ecology, 2005, 16, 889-897.	1.0	26
227	Island hopping introduces Polynesian field crickets to novel environments, genetic bottlenecks and rapid evolution. Journal of Evolutionary Biology, 2011, 24, 1199-1211.	0.8	26
228	Females suffer a reduction in the viability of stored sperm following an immune challenge. Journal of Evolutionary Biology, 2014, 27, 133-140.	0.8	26
229	Panmixia: an example from Dawson's burrowing bee (Amegilla dawsoni) (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	25
230	Genetic variation underlying the expression of a polyphenism. Journal of Evolutionary Biology, 2012, 25, 748-758.	0.8	25
231	25 years of Behavioral Ecology. Behavioral Ecology, 2014, 25, 1-3.	1.0	25
232	Putative sex-specific human pheromones do not affect gender perception, attractiveness ratings or unfaithfulness judgements of opposite sex faces. Royal Society Open Science, 2017, 4, 160831.	1.1	25
233	Agonistic communication between males of a zaprochiline katydid (Orthoptera: Tettigoniidae). Behavioral Ecology, 1993, 4, 364-368.	1.0	24
234	Male morph predicts investment in larval immune function in the dung beetle, Onthophagus taurus. Behavioral Ecology, 2008, 19, 331-337.	1.0	24

#	Article	IF	Citations
235	Sperm competition does not influence sperm hook morphology in selection lines of house mice. Journal of Evolutionary Biology, 2011, 24, 856-862.	0.8	24
236	Replicated evolutionary divergence in the cuticular hydrocarbon profile of male crickets associated with the loss of song in the <scp>H</scp>awaiian archipelago. Journal of Evolutionary Biology, 2014, 27, 2249-2257.	0.8	24
237	Postcopulatory sexual selection when a female mates once. Animal Behaviour, 2016, 116, 13-16.	0.8	24
238	Changes in dominance status erode personality and behavioral syndromes. Behavioral Ecology, 2017, 28, 270-279.	1.0	24
239	Macronutrients and micronutrients drive tradeâ€offs between male preâ€and postmating sexual traits. Functional Ecology, 2018, 32, 2380-2394.	1.7	24
240	Molecular Evidence for Multiple Paternity in a Feral Population of Green Swordtails. Journal of Heredity, 2008, 99, 610-615.	1.0	23
241	Sperm Competition in Humans: Mate Guarding Behavior Negatively Correlates with Ejaculate Quality. PLoS ONE, 2014, 9, e108099.	1.1	23
242	The carotenoid beta-carotene enhances facial color, attractiveness and perceived health, but not actual health, in humans. Behavioral Ecology, 2017, 28, 570-578.	1.0	23
243	Good Genes and Sexual Selection in Dung Beetles (Onthophagus taurus): Genetic Variance in Egg-to-Adult and Adult Viability. PLoS ONE, 2011, 6, e16233.	1.1	23
244	Heat stress but not inbreeding affects offensive sperm competitiveness in Callosobruchus maculatus. Ecology and Evolution, 2013, 3, 2859-2866.	0.8	22
245	Why Do Female Callosobruchus maculatus Kick Their Mates?. PLoS ONE, 2014, 9, e95747.	1.1	22
246	Sperm competition and the evolution of precopulatory weapons: Testis size and amplexus position, but not arm strength, affect fertilization success in a chorusing frog. Evolution; International Journal of Organic Evolution, 2017, 71, 329-341.	1.1	22
247	Immune function during early adolescence positively predicts adult facial sexual dimorphism in both men and women. Evolution and Human Behavior, 2020, 41, 199-209.	1.4	22
248	Male-male behavior and sexual dimorphism of the ear of a zaprochiline tettigoniid (Orthoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.4	21
249	Parental investment and the control of sexual selection: can sperm competition affect the direction of sexual competition?. Proceedings of the Royal Society B: Biological Sciences, 1996, 263, 515-519.	1.2	21
250	No evidence for optimal fitness at intermediate levels of inbreeding in Drosophila melanogaster. Biological Journal of the Linnean Society, 0, 98, 501-510.	0.7	21
251	Predation is associated with variation in colour pattern, but not body shape or colour reflectance, in a rainbowfish (Melanotaenia australis). Journal of Animal Ecology, 2011, 80, 183-191.	1.3	21
252	Complex Genotype by Environment interactions and changing genetic architectures across thermal environments in the Australian field cricket, Teleogryllus oceanicus. BMC Evolutionary Biology, 2011, 11, 222.	3.2	21

#	Article	IF	Citations
253	A competitive environment influences sperm production, but not testes tissue composition, in house mice. Journal of Evolutionary Biology, 2018, 31, 1647-1654.	0.8	21
254	Fifty years of sperm competition: the structure of a scientific revolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20200060.	1.8	21
255	On the post-copulatory guarding behaviour of male field crickets. Animal Behaviour, 1991, 42, 504-505.	0.8	20
256	Sex ratio bias in the dung beetle Onthophagus taurus: adaptive allocation or sex-specific offspring mortality?. Evolutionary Ecology, 2011, 25, 363-372.	0.5	20
257	RAPID LOSS OF BEHAVIORAL PLASTICITY AND IMMUNOCOMPETENCE UNDER INTENSE SEXUAL SELECTION. Evolution; International Journal of Organic Evolution, 2014, 68, 2550-2558.	1.1	20
258	Human Sperm Competition. Advances in the Study of Behavior, 2014, 46, 1-44.	1.0	20
259	Males harm females less when competing with familiar relatives. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171984.	1.2	20
260	Nongenetic paternal effects via seminal fluid. Evolution Letters, 2019, 3, 403-411.	1.6	20
261	Sexual ornaments but not weapons trade off against testes size in primates. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182542.	1.2	20
262	Do Cyclic Changes in Women's Face Preferences Target Cues to Long-term Health?. Social Cognition, 2006, 24, 641-656.	0.5	19
263	Female crickets trade offspring viability for fecundity. Journal of Evolutionary Biology, 2007, 20, 1617-1623.	0.8	19
264	Nuptial gifts fail to resolve a sexual conflict in an insect. BMC Evolutionary Biology, 2008, 8, 204.	3.2	19
265	MATERNAL EFFECTS, BUT NO GOOD OR COMPATIBLE GENES FOR SPERM COMPETITIVENESS IN AUSTRALIAN CRICKETS. Evolution; International Journal of Organic Evolution, 2010, 64, 1257-66.	1.1	19
266	The Ecological Implications of Physiological Diversity in Dung Beetles. , 2011, , 200-219.		19
267	Preference for related mates in the fruit fly, Drosophila melanogaster. Animal Behaviour, 2012, 84, 1169-1176.	0.8	19
268	Loss of the Nuclear Receptor Corepressor SLIRP Compromises Male Fertility. PLoS ONE, 2013, 8, e70700.	1.1	19
269	The Coevolution of Ova Defensiveness with Sperm Competitiveness in House Mice. American Naturalist, 2014, 183, 565-572.	1.0	19
270	A test of the sexy-sperm and good-sperm hypotheses for the evolution of polyandry. Behavioral Ecology, 2014, 25, 989-995.	1.0	19

#	Article	IF	Citations
271	Seasonal change in offspring sex and size in Dawson's burrowing bees (Amegilla dawsoni) (Hymenoptera: Anthophorini). Ecological Entomology, 2005, 30, 247-254.	1.1	18
272	Offensive and defensive sperm competition roles in the dung beetle Onthophagus taurus (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10	0.6	18
273	Pre- and post-mating sexual selection both favor large males in a rainbowfish. Behavioral Ecology and Sociobiology, 2010, 64, 915-925.	0.6	18
274	Sampling bias and fluctuating asymmetry. Animal Behaviour, 1995, 49, 1697-1699.	0.8	17
275	Ultrastructure of spermatozoa of Onthophagus taurus (Coleoptera, Scarabaeidae) exhibits heritable variation. Die Naturwissenschaften, 2011, 98, 213-223.	0.6	17
276	No evidence for a tradeâ€•off between sperm length and male premating weaponry. Journal of Evolutionary Biology, 2015, 28, 2187-2195.	0.8	17
277	Sperm competition and the coevolution of pre- and postcopulatory traits: Weapons evolve faster than testes among onthophagine dung beetles. Evolution; International Journal of Organic Evolution, 2016, 70, 998-1008.	1.1	17
278	The effects of the social environment and physical disturbance on personality traits. Animal Behaviour, 2018, 138, 109-121.	0.8	17
279	Phenotypic plasticity in genitalia: baculum shape responds to sperm competition risk in house mice. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181086.	1.2	17
280	Alternative phenotypes within mating systems. , 2014, , 106-128.		17
281	EVOLUTION OF EJACULATES: PATTERNS OF PHENOTYPIC AND GENOTYPIC VARIATION AND CONDITION DEPENDENCE IN SPERM COMPETITION TRAITS. Evolution; International Journal of Organic Evolution, 2002, 56, 1622.	1.1	16
282	Sexual signalling by females: do unmated females increase their signalling effort?. Biology Letters, 2015, 11, 20150298.	1.0	16
283	State-dependent changes in risk-taking behaviour as a result of age and residual reproductive value. Animal Behaviour, 2018, 142, 95-100.	0.8	16
284	Natural and sexual selection on cuticular hydrocarbons: a quantitative genetic analysis. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190677.	1.2	16
285	Microsatellite loci for the Australian field cricket Teleogryllus oceanicus and their cross-utility in Teleogryllus commodus. Molecular Ecology Notes, 2005, 5, 733-735.	1.7	15
286	Sperm competition risk generates phenotypic plasticity in ovum fertilizability. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20132097.	1.2	15
287	Context-dependent relationship between a composite measure of menâ€™s mate value and ejaculate quality. Behavioral Ecology, 2014, 25, 1115-1122.	1.0	15
288	Intralocus tactical conflict: genetic correlations between fighters and sneakers of the dung beetle <scp>O</scp>nthophagus taurus. Journal of Evolutionary Biology, 2015, 28, 730-738.	0.8	15

#	Article	IF	Citations
289	Additive genetic variance in polyandry enables its evolution, but polyandry is unlikely to evolve through sexy or good sperm processes. Journal of Evolutionary Biology, 2016, 29, 916-928.	0.8	15
290	Evolutionary insight from a humble fly: sperm competition and the yellow dungfly. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20200062.	1.8	15
291	No postcopulatory response to inbreeding by male crickets. Biology Letters, 2008, 4, 183-185.	1.0	14
292	Perceived physical strength in men is attractive to women but may come at a cost to ejaculate quality. Animal Behaviour, 2018, 142, 191-197.	0.8	14
293	Sexual selection across sensory modalities: female choice of male behavioral and gustatory displays. Behavioral Ecology, 2018, 29, 1096-1104.	1.0	14
294	Female cuticular hydrocarbons can signal indirect fecundity benefits in an insect. Evolution; International Journal of Organic Evolution, 2019, 73, 982-989.	1.1	14
295	Social cues affect quantitative genetic variation and covariation in animal personality traits. Evolution; International Journal of Organic Evolution, 2019, 73, 540-553.	1.1	14
296	Allocation of maternal- and ejaculate-derived proteins to reproduction in female crickets, Teleogryllus oceanicus. Journal of Evolutionary Biology, 2011, 24, 132-138.	0.8	13
297	Contrasting responses of preâ€and postâ€copulatory traits to variation in mating competition. Functional Ecology, 2014, 28, 494-499.	1.7	13
298	Sexual selection maintains a female-specific character in a species with dynamic sex roles. Behavioral Ecology, 2021, 32, 609-616.	1.0	13
299	Male alternative reproductive tactics and sperm competition: a metaâ€analysis. Biological Reviews, 2022, 97, 1365-1388.	4.7	13
300	Consequences of sperm displacement for female dung flies, Scatophaga stercoraria. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 1755-1760.	1.2	12
301	Does Genetic Diversity Predict Health in Humans?. PLoS ONE, 2009, 4, e6391.	1.1	12
302	Male Contest Competition and the Evolution of Weapons. , 2011, , 47-65.		12
303	The genetics of primary and secondary sexual character tradeâ€offs in a horned beetle. Journal of Evolutionary Biology, 2012, 25, 1711-1717.	0.8	12
304	Female effects, but no intrinsic male effects on paternity outcome in crickets. Journal of Evolutionary Biology, 2014, 27, 1644-1649.	0.8	12
305	Menâ€™s Sexual Faithfulness Judgments May Contain a Kernel of Truth. PLoS ONE, 2015, 10, e0134007.	1.1	12
306	Sex-specific pace-of-life syndromes. Behavioral Ecology, 2019, 30, 1096-1105.	1.0	12

#	Article	IF	Citations
307	No Evidence of Conpopulation Sperm Precedence between Allopatric Populations of House Mice. PLoS ONE, 2014, 9, e107472.	1.1	12
308	Effects of Macrocheles mites on longevity of males of the dimorphic dung beetle Onthophagus binodis. Journal of Zoology, 2001, 254, 441-445.	0.8	11
309	Population genetic structure and a possible role for selection in driving phenotypic divergence in a rainbowfish (Melanotaeniidae). Biological Journal of the Linnean Society, 2011, 102, 144-160.	0.7	11
310	Genetic variation but weak genetic covariation between preâ€•and postâ€copulatory episodes of sexual selection in Drosophila melanogaster. Journal of Evolutionary Biology, 2016, 29, 1535-1552.	0.8	11
311	The relationship between health and mating success in humans. Royal Society Open Science, 2017, 4, 160603.	1.1	11
312	Sex differences in nutrient intake can reduce the potential for sexual conflict over fitness maximization by female and male crickets. Journal of Evolutionary Biology, 2019, 32, 1106-1116.	0.8	11
313	Experimental evolution reveals divergence in female genital teeth morphology in response to sexual conflict intensity in a moth. Journal of Evolutionary Biology, 2019, 32, 519-524.	0.8	11
314	Worker heterozygosity and immune response in feral and managed honeybees (Apis mellifera). Australian Journal of Zoology, 2011, 59, 73.	0.6	10
315	PATERNAL EFFECTS ON THE EXPRESSION OF A MALE POLYPHENISM. Evolution; International Journal of Organic Evolution, 2012, 66, 3167-3178.	1.1	10
316	Sexual selection and the evolution of secondary sexual traits: sex comb evolution in <scp>D</scp>rosophila. Journal of Evolutionary Biology, 2013, 26, 912-918.	0.8	10
317	Benefits of polyandry: Molecular evidence from fieldâ€caught dung beetles. Molecular Ecology, 2017, 26, 3546-3555.	2.0	10
318	Baculum shape and paternity success in house mice: evidence for genital coevolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20200150.	1.8	10
319	Males evolve to be more harmful under increased sexual conflict intensity in a seed beetle. Behavioral Ecology, 2020, 31, 591-597.	1.0	10
320	Correlates of ball size and rolling speed in the dung beetle Kheper nigroaeneus (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	0.8	9
321	Does variation in female body size affect nesting success in Dawsonâ€™s burrowing bee,Amegilla dawsoni(Apidae: Anthophorini)?. Ecological Entomology, 2006, 31, 352-357.	1.1	9
322	Genetic breeding system and investment patterns within nests of Dawson's burrowing bee (Amegilla) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	9
323	The Mating System of Amegilla (Asarapoda) paracalva Brooks (Hymenoptera: Apidae). Journal of Insect Behavior, 2010, 23, 69-79.	0.4	9
324	Dietary antioxidants, but not courtship effort, affect oxidative balance in the testes and muscles of crickets. Journal of Experimental Biology, 2018, 221, .	0.8	9

#	Article	IF	Citations
325	Experimental evidence for the role of sexual selection in the evolution of cuticular hydrocarbons in the dung beetle, Onthophagus taurus. Journal of Evolutionary Biology, 2019, 32, 1186-1193.	0.8	9
326	GEOGRAPHIC VARIATION IN FEMALE PREFERENCE FUNCTIONS AND MALE SONGS OF THE FIELD CRICKET TELEOGRYLLUS OCEANICUS. Evolution; International Journal of Organic Evolution, 2001, 55, 1386.	1.1	8
327	Microsatellite loci for Dawson's burrowing bee (Amegilla dawsoni) and their cross-utility in other Amegilla species. Molecular Ecology Notes, 2004, 4, 379-381.	1.7	8
328	Rival Male Relatedness Does Not Affect Ejaculate Allocation as Predicted by Sperm Competition Theory. PLoS ONE, 2008, 3, e2151.	1.1	8
329	Male and female secondary sexual traits show different patterns of quantitative genetic and environmental variation in the horned beetle Onthophagus sagittarius. Journal of Evolutionary Biology, 2010, 23, 2397-2402.	0.8	8
330	Is genetic diversity associated with mating success in humans?. Animal Behaviour, 2010, 79, 903-909.	0.8	7
331	Explaining Phenotypic Diversity: The Conditional Strategy and Threshold Trait Expression. , 2011, , 107-125.		7
332	Dung Beetle Populations: Structure and Consequences. , 2011, , 220-244.		7
333	Unravelling the effects of differential maternal allocation and male genetic quality on offspring viability in the dung beetle, Onthophagus sagittarius. Evolutionary Ecology, 2012, 26, 139-147.	0.5	7
334	Male-biased sex ratio does not promote increased sperm competitiveness in the seed beetle, Callosobruchus maculatus. Scientific Reports, 2016, 6, 28153.	1.6	7
335	Mandatory data archiving inBehavioral Ecology. Behavioral Ecology, 2016, 27, 1-1.	1.0	7
336	Experimental evolution reveals differences between phenotypic and evolutionary responses to population density. Journal of Evolutionary Biology, 2017, 30, 1763-1771.	0.8	7
337	Male responses to sperm competition when rivals vary in number and familiarity. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182589.	1.2	7
338	Sexual Selection Shapes Seminal Vesicle Secretion Gene Expression in House Mice. Molecular Biology and Evolution, 2020, 37, 1114-1117.	3.5	7
339	Identification of seminal proteins related to the inhibition of mate searching in female crickets. Behavioral Ecology, 2020, 31, 1344-1352.	1.0	7
340	Phenotypic plasticity but no adaptive divergence in cuticular hydrocarbons and desiccation resistance among translocated populations of dung beetles. Evolutionary Ecology, 2020, 34, 929-944.	0.5	7
341	Evolutionary, proteomic, and experimental investigations suggest the extracellular matrix of cumulus cells mediates fertilization outcomesâ€. Biology of Reproduction, 2021, 105, 1043-1055.	1.2	7
342	Symmetry, attractiveness and sexual selection. , 2007, , .		7

#	Article	IF	Citations
343	Nongenetic inheritance of behavioural variability is context specific and sex specific. Functional Ecology, 2022, 36, 83-91.	1.7	7
344	Sexual Selection after Mating: The Evolutionary Consequences of Sperm Competition and Cryptic Female Choice in Onthophagines. , 2011, , 66-86.		6
345	Impressions of sexual unfaithfulness and their accuracy show a degree of universality. PLoS ONE, 2018, 13, e0205716.	1.1	6
346	A costly chemical trait: phenotypic condition dependence of cuticular hydrocarbons in a dung beetle. Journal of Evolutionary Biology, 2018, 31, 1772-1781.	0.8	6
347	Ecological determinants of sex roles and female sexual selection. Advances in the Study of Behavior, 2020, , 1-28.	1.0	6
348	Males adjust their manipulation of female remating in response to sperm competition risk. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201238.	1.2	6
349	Conditionâ€dependent seminal fluid gene expression and intergenerational paternal effects on ejaculate quality. Functional Ecology, 2022, 36, 798-811.	1.7	6
350	Dung Beetles. , 2009, , 304-307.		5
351	Isolation and characterization of 11 polymorphic microsatellite loci in the millipede Antichiropus variabilis Attems (Diplopoda: Polydesmida: Paradoxosomatidae). Molecular Ecology Resources, 2009, 9, 1208-1211.	2.2	5
352	Mutualists or parasites? Context-dependent influence of symbiotic fly larvae on carnivorous investment in the Albany pitcher plant. Royal Society Open Science, 2016, 3, 160690.	1.1	5
353	Lifetime changes in phenotypic expression and evolutionary potential of female mating traits in Drosophila melanogaster. Animal Behaviour, 2016, 121, 147-155.	0.8	5
354	A link between heritable parasite resistance and mate choice in dung beetles. Behavioral Ecology, 2019, 30, 1382-1387.	1.0	5
355	Sexual unfaithfulness can be judged with some accuracy from men's but not women's faces. Royal Society Open Science, 2019, 6, 181552.	1.1	5
356	Weapons Evolve Faster Than Sperm in Bovids and Cervids. Cells, 2021, 10, 1062.	1.8	5
357	Isolation and characterization of 12 novel DNA microsatellites in the western rainbowfish, Melanotaenia australis. Molecular Ecology Resources, 2009, 9, 1252-1254.	2.2	4
358	Sperm competition, sexual conflict, and speciation: a comment on Tinghitella et al.. Behavioral Ecology, 2018, 29, 800-800.	1.0	4
359	Can paternal effects via seminal fluid contribute to the evolution of polyandry?. Biology Letters, 2020, 16, 20200680.	1.0	4
360	The coevolution of male and female genitalia in a mammal: A quantitative genetic insight. Evolution; International Journal of Organic Evolution, 2020, 74, 1558-1567.	1.1	4

#	Article	IF	Citations
361	The effect of baculum shape and mating behavior on mating-induced prolactin release in female house mice. Behavioral Ecology, 2021, 32, 1192-1201.	1.0	4
362	Can Sexual Selection Drive the Evolution of Sperm Cell Structure?. Cells, 2021, 10, 1227.	1.8	4
363	Quantifying variation in female internal genitalia: no evidence for plasticity in response to sexual conflict risk in a seed beetle. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210746.	1.2	4
364	Sex-biased mortality associated with inbreeding in Drosophila melanogaster. BMC Evolutionary Biology, 2014, 14, 51.	3.2	3
365	Guidelines for Transparency and Openness (TOP). Behavioral Ecology, 2017, 28, 347-347.	1.0	3
366	Gustatory cues to kinship among males moderate the productivity of females. Behavioral Ecology, 0, , .	1.0	3
367	No evidence for divergence in male harmfulness or female resistance in response to changes in the opportunity for dispersal. Journal of Evolutionary Biology, 2020, 33, 966-978.	0.8	3
368	Spoiled for choice: number of signalers constrains mate choice based on acoustic signals. Behavioral Ecology, 2022, 33, 364-375.	1.0	3
369	The Evolution of Parental Care in the Onthophagine Dung Beetles. , 2011, , 152-176.		2
370	No <scp>C</scp>oolidge effect in the <scp>A</scp>ustralian field cricket <scp>T</scp>eleogryllus oceanicus (<scp>O</scp>rthoptera: <scp>G</scp>ryllidae). Austral Entomology, 2015, 54, 433-437.	0.8	2
371	XâEŘay sex: Sexual conflict caught in the act. Molecular Reproduction and Development, 2018, 85, 743-743.	1.0	2
372	Protein and carbohydrate intakes alter gut microbial community structure in crickets: a Geometric Framework approach. FEMS Microbiology Ecology, 2019, 95, .	1.3	2
373	The devil is in the details: a comment on Shuker and Kvarnemo. Behavioral Ecology, 2021, 32, 798-799.	1.0	1
374	Sexual dimorphism in cuticular hydrocarbons and their potential use in mating in a bushcricket with dynamic sex roles. Animal Behaviour, 2022, 187, 245-252.	0.8	1
375	Responsible sharing of articles published in Behavioral Ecology. Behavioral Ecology, 2018, 29, 1003-1003.	1.0	0
376	Female genitalia. Current Biology, 2020, 30, R1461-R1463.	1.8	0
377	Probable marking behavior of Cerceris clypeata (Philanthinae, Crabronidae, Hymenoptera). Journal of Hymenoptera Research, 0, 67, 121-125.	0.8	0
378	The effect of genital stimulation on competitive fertilization success in house mice. Animal Behaviour, 2022, 190, 93-101.	0.8	0