

Leigh W Simmons

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380
papers

18,772
citations

76
h-index

116
g-index

394
ext. papers

20,733
ext. citations

4.3
avg, IF

7.42
L-index

#	Paper	IF	Citations
380	Sexual selection and mate choice. <i>Trends in Ecology and Evolution</i> , 2006 , 21, 296-302	10.9	737
379	Reactive oxygen species as universal constraints in life-history evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 1737-45	4.4	453
378	The Evolution of Polyandry: Sperm Competition, Sperm Selection, and Offspring Viability. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2005 , 36, 125-146	13.5	376
377	Attractiveness and sexual behavior: Does attractiveness enhance mating success?. <i>Evolution and Human Behavior</i> , 2005 , 26, 186-201	4	340
376	Experimental reversal of courtship roles in an insect. <i>Nature</i> , 1990 , 346, 172-174	50.4	267
375	Does sexual dimorphism in human faces signal health?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270 Suppl 1, S93-5	4.4	254
374	Female choice in the field cricket <i>Gryllus bimaculatus</i> (De Geer). <i>Animal Behaviour</i> , 1986 , 34, 1463-1470	2.8	241
373	Evolutionary trade-off between weapons and testes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 16346-51	11.5	236
372	Sperm wars and the evolution of male fertility. <i>Reproduction</i> , 2012 , 144, 519-34	3.8	231
371	Towards a resolution of the lek paradox. <i>Nature</i> , 2001 , 410, 684-6	50.4	230
370	Patterns of fluctuating asymmetry in beetle horns: an experimental examination of the honest signalling hypothesis. <i>Behavioral Ecology and Sociobiology</i> , 1997 , 41, 109-114	2.5	208
369	Inter-male competition and mating success in the field cricket, <i>Gryllus bimaculatus</i> (de Geer). <i>Animal Behaviour</i> , 1986 , 34, 567-579	2.8	198
368	Sperm viability matters in insect sperm competition. <i>Current Biology</i> , 2005 , 15, 271-5	6.3	190
367	The effects of sex hormones on immune function: a meta-analysis. <i>Biological Reviews</i> , 2017 , 92, 551-571	13.5	179
366	Image content influences men's semen quality. <i>Biology Letters</i> , 2005 , 1, 253-5	3.6	173
365	Sperm competition as a mechanism of female choice in the field cricket, <i>Gryllus bimaculatus</i> . <i>Behavioral Ecology and Sociobiology</i> , 1987 , 21, 197-202	2.5	167
364	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	5.8	165

363	The calling song of the field cricket, <i>Gryllus bimaculatus</i> (de geer): constraints on transmission and its role in intermale competition and female choice. <i>Animal Behaviour</i> , 1988 , 36, 380-394	2.8	165
362	Sperm competition games: a general model for precopulatory male-male competition. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 95-109	3.8	163
361	Evolution of ejaculates: patterns of phenotypic and genotypic variation and condition dependence in sperm competition traits. <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 1622-31	3.8	163
360	Sexual selection and genital evolution. <i>Austral Entomology</i> , 2014 , 53, 1-17	1.1	160
359	Maternal and paternal effects on offspring phenotype in the dung beetle <i>Onthophagus taurus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 936-41	3.8	158
358	Sperm competition games played by dimorphic male beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999 , 266, 145-150	4.4	157
357	Sperm competition: linking form to function. <i>BMC Evolutionary Biology</i> , 2008 , 8, 319	3	148
356	Sperm Competition and Its Evolutionary Consequences in the Insects 2002 ,		148
355	Evolution of phenotypic optima and copula duration in dungflies. <i>Nature</i> , 1994 , 370, 53-56	50.4	142
354	Sperm competition selects for increased testes mass in Australian frogs. <i>Journal of Evolutionary Biology</i> , 2002 , 15, 347-355	2.3	138
353	Genital morphology and fertilization success in the dung beetle <i>Onthophagus taurus</i> : an example of sexually selected male genitalia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 447-55	4.4	132
352	Sperm competition and the evolution of gamete morphology in frogs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 2079-86	4.4	125
351	The evolution of polyandry: an examination of the genetic incompatibility and good-sperm hypotheses. <i>Journal of Evolutionary Biology</i> , 2001 , 14, 585-594	2.3	122
350	Status-dependent selection in the dimorphic beetle <i>Onthophagus taurus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001 , 268, 2409-14	4.4	121
349	Male size, mating potential and lifetime reproductive success in the field cricket, <i>Gryllus bimaculatus</i> (De Geer). <i>Animal Behaviour</i> , 1988 , 36, 372-379	2.8	121
348	Evolutionary reduction in testes size and competitive fertilization success in response to the experimental removal of sexual selection in dung beetles. <i>Evolution; International Journal of Organic Evolution</i> , 2008 , 62, 2580-91	3.8	117
347	The contribution of multiple mating and spermatophore consumption to the lifetime reproductive success of female field crickets (<i>Gryllus bimaculatus</i>). <i>Ecological Entomology</i> , 1988 , 13, 57-69	2.1	115
346	Correlates of male quality in the field cricket, <i>Gryllus campestris</i> L.: age, size, and symmetry determine pairing success in field populations. <i>Behavioral Ecology</i> , 1995 , 6, 376-381	2.3	114

345	Evolution of sexual dimorphism and male dimorphism in the expression of beetle horns: phylogenetic evidence for modularity, evolutionary lability, and constraint. <i>American Naturalist</i> , 2005 , 166 Suppl 4, S42-68	3.7	113
344	Perceived health contributes to the attractiveness of facial symmetry, averageness, and sexual dimorphism. <i>Perception</i> , 2007 , 36, 1244-52	1.2	112
343	The frequency of multiple paternity predicts variation in testes size among island populations of house mice. <i>Journal of Evolutionary Biology</i> , 2008 , 21, 1524-33	2.3	109
342	Variability in call structure and pairing success of male field crickets, <i>Gryllus bimaculatus</i> : the effects of age, size and parasite load. <i>Animal Behaviour</i> , 1992 , 44, 1145-1152	2.8	107
341	Sexual selection and the allometry of earwig forceps. <i>Evolutionary Ecology</i> , 1996 , 10, 97-104	1.8	106
340	Bushcricket spermatophores vary in accord with sperm competition and parental investment theory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1993 , 251, 183-186	4.4	101
339	Sperm swimming velocity predicts competitive fertilization success in the green swordtail <i>Xiphophorus helleri</i> . <i>PLoS ONE</i> , 2010 , 5, e12146	3.7	101
338	Genetic diversity revealed in human faces. <i>Evolution; International Journal of Organic Evolution</i> , 2008 , 62, 2473-86	3.8	100
337	Longevity cost of reproduction for males but no longevity cost of mating or courtship for females in the male-dimorphic dung beetle <i>Onthophagus binodis</i> . <i>Journal of Insect Physiology</i> , 2003 , 49, 817-22	2.4	100
336	Female choice contributes to offspring fitness in the field cricket, <i>Gryllus bimaculatus</i> (De Geer). <i>Behavioral Ecology and Sociobiology</i> , 1987 , 21, 313-321	2.5	100
335	Sperm Displacement in the Yellow Dung Fly, <i>Scatophaga stercoraria</i> : An Investigation of Male and Female Processes. <i>American Naturalist</i> , 1999 , 153, 302-314	3.7	98
334	The evolution of polyandry: intrinsic sire effects contribute to embryo viability. <i>Journal of Evolutionary Biology</i> , 2005 , 18, 1097-103	2.3	97
333	The refractory period of female katydids (Orthoptera: Tettigoniidae): sexual conflict over the remating interval?. <i>Behavioral Ecology</i> , 1991 , 2, 276-282	2.3	97
332	Male crickets adjust the viability of their sperm in response to female mating status. <i>American Naturalist</i> , 2007 , 170, 190-5	3.7	95
331	Males influence maternal effects that promote sexual selection: a quantitative genetic experiment with dung beetles <i>Onthophagus taurus</i> . <i>American Naturalist</i> , 2003 , 161, 852-9	3.7	94
330	Sperm competition or sperm selection: no evidence for female influence over paternity in yellow dung flies <i>Scatophaga stercoraria</i> . <i>Behavioral Ecology and Sociobiology</i> , 1996 , 38, 199-206	2.5	94
329	Copula duration and testes size in the yellow dung fly, <i>Scathophaga stercoraria</i> (L.) : the effects of diet, body size, and mating history. <i>Behavioral Ecology and Sociobiology</i> , 1991 , 29, 77-85	2.5	94
328	Female monopolization mediates the relationship between pre- and postcopulatory sexual traits. <i>Nature Communications</i> , 2014 , 5, 3184	17.4	91

327	Geographic variation in female preference functions and male songs of the field cricket <i>Teleogryllus oceanicus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 1386-94	3.8	91
326	Microsatellite evidence for monogamy and sex-biased recombination in the Western Australian seahorse <i>Hippocampus angustus</i> . <i>Molecular Ecology</i> , 1998 , 7, 1497-505	5.7	90
325	Paternal indirect genetic effects on offspring viability and the benefits of polyandry. <i>Current Biology</i> , 2007 , 17, 32-6	6.3	90
324	The genetics of maternal care: direct and indirect genetic effects on phenotype in the dung beetle <i>Onthophagus taurus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 6828-32	11.5	90
323	Evolutionary Trade-Off between Secondary Sexual Traits and Ejaculates. <i>Trends in Ecology and Evolution</i> , 2017 , 32, 964-976	10.9	89
322	Bacterial immunity traded for sperm viability in male crickets. <i>Science</i> , 2005 , 309, 2031	33.3	89
321	Fluctuating paradigm. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999 , 266, 593-595	4.4	89
320	Evolutionary response to sexual selection in male genital morphology. <i>Current Biology</i> , 2009 , 19, 1442-6	6.3	88
319	Insect sperm motility. <i>Biological Reviews</i> , 2008 , 83, 191-208	13.5	88
318	Quantification of role reversal in relative parental investment in a bush cricket. <i>Nature</i> , 1992 , 358, 61-63	50.4	87
317	Comparing evolvabilities: common errors surrounding the calculation and use of coefficients of additive genetic variation. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 2341-9	3.8	83
316	The evolution of polyandry: patterns of genotypic variation in female mating frequency, male fertilization success and a test of the sexy-sperm hypothesis. <i>Journal of Evolutionary Biology</i> , 2003 , 16, 624-34	2.3	83
315	Male contest competition and the coevolution of weaponry and testes in pinnipeds. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 3595-604	3.8	82
314	Shorter sperm confer higher competitive fertilization success. <i>Evolution; International Journal of Organic Evolution</i> , 2007 , 61, 816-24	3.8	82
313	Human sperm competition: testis size, sperm production and rates of extrapair copulations. <i>Animal Behaviour</i> , 2004 , 68, 297-302	2.8	80
312	Sexual selection on cuticular hydrocarbons in the Australian field cricket, <i>Teleogryllus oceanicus</i> . <i>BMC Evolutionary Biology</i> , 2009 , 9, 162	3	78
311	Sperm competition games between sneaks and guards: a comparative analysis using dimorphic male beetles. <i>Evolution; International Journal of Organic Evolution</i> , 2007 , 61, 2684-92	3.8	78
310	Variance in female quality, operational sex ratio and male mate choice in a bushcricket. <i>Behavioral Ecology and Sociobiology</i> , 1999 , 45, 245-252	2.5	78

309	Polyandry facilitates postcopulatory inbreeding avoidance in house mice. <i>Evolution; International Journal of Organic Evolution</i> , 2008 , 62, 603-11	3.8	77
308	Variation in paternity in the field cricket <i>Teleogryllus oceanicus</i> : no detectable influence of sperm numbers or sperm length. <i>Behavioral Ecology</i> , 2003 , 14, 539-545	2.3	77
307	Predictors of facial attractiveness and health in humans. <i>Scientific Reports</i> , 2017 , 7, 39731	4.9	76
306	Resource allocation trade-off between sperm quality and immunity in the field cricket, <i>Teleogryllus oceanicus</i> . <i>Behavioral Ecology</i> , 2012 , 23, 168-173	2.3	76
305	Testosterone is associated with mating success but not attractiveness or masculinity in human males. <i>Animal Behaviour</i> , 2008 , 76, 297-303	2.8	76
304	Kin recognition and its influence on mating preferences of the field cricket, <i>Gryllus bimaculatus</i> (de Geer). <i>Animal Behaviour</i> , 1989 , 38, 68-77	2.8	75
303	Experimental evolution of sperm quality via postcopulatory sexual selection in house mice. <i>Evolution; International Journal of Organic Evolution</i> , 2010 , 64, 1245-56	3.8	74
302	Male-derived cuticular hydrocarbons signal sperm competition intensity and affect ejaculate expenditure in crickets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 383-8	4.4	73
301	Male crickets adjust ejaculate quality with both risk and intensity of sperm competition. <i>Biology Letters</i> , 2007 , 3, 520-2	3.6	73
300	Symmetry in the songs of crickets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1996 , 263, 1305-1311	4.1	73
299	A model of constant random sperm displacement during mating: evidence from <i>Scatophaga</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1991 , 246, 107-15	4.4	72
298	Postcopulatory inbreeding avoidance by female crickets only revealed by molecular markers. <i>Molecular Ecology</i> , 2006 , 15, 3817-24	5.7	71
297	Sperm competition selects for male mate choice and protandry in the bushcricket, <i>Requena verticalis</i> (Orthoptera: Tettigoniidae). <i>Animal Behaviour</i> , 1994 , 47, 117-122	2.8	71
296	Female preference for male courtship song and its role as a signal of immune function and condition. <i>Animal Behaviour</i> , 2006 , 72, 809-818	2.8	70
295	Coercive mating, fluctuating asymmetry and male mating success in the dung fly <i>Sepsis cynipsea</i> . <i>Animal Behaviour</i> , 1996 , 52, 737-741	2.8	69
294	Contributions of the face and body to overall attractiveness. <i>Animal Behaviour</i> , 2007 , 73, 937-942	2.8	68
293	Sperm midpiece length predicts sperm swimming velocity in house mice. <i>Biology Letters</i> , 2010 , 6, 513-6	3.6	67
292	Are human preferences for facial symmetry focused on signals of developmental instability?. <i>Behavioral Ecology</i> , 2004 , 15, 864-871	2.3	67

291	Sexual dimorphism in cuticular hydrocarbons of the Australian field cricket <i>Teleogryllus oceanicus</i> (Orthoptera: Gryllidae). <i>Journal of Insect Physiology</i> , 2008 , 54, 1081-9	2.4	66
290	Patterns of parental provisioning covary with male morphology in a horned beetle (<i>Onthophagus taurus</i>) (Coleoptera: Scarabaeidae). <i>Behavioral Ecology and Sociobiology</i> , 1998 , 42, 447-451	2.5	65
289	Some costs of reproduction for male bushcrickets, <i>Requena verticalis</i> (Orthoptera : Tettigoniidae) allocating resources to mate attraction and nuptial feeding. <i>Behavioral Ecology and Sociobiology</i> , 1992 , 31, 57-62	2.5	65
288	Male dominance influences pheromone expression, ejaculate quality, and fertilization success in the Australian field cricket, <i>Teleogryllus oceanicus</i> . <i>Behavioral Ecology</i> , 2009 , 20, 1118-1124	2.3	64
287	Confidence of paternity and paternal care: covariation revealed through the experimental manipulation of the mating system in the beetle <i>Onthophagus taurus</i> . <i>Journal of Evolutionary Biology</i> , 2002 , 15, 784-795	2.3	64
286	The relationship between sexual dimorphism in human faces and fluctuating asymmetry. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271 Suppl 4, S233-6	4.4	63
285	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	4.4	62
284	The genetic basis of traits regulating sperm competition and polyandry: can selection favour the evolution of good- and sexy-sperm?. <i>Genetica</i> , 2008 , 134, 5-19	1.5	62
283	Optimal copula duration in yellow dung flies: effects of female size and egg content. <i>Animal Behaviour</i> , 1999 , 57, 795-805	2.8	62
282	Quantitative genetic variation in courtship song and its covariation with immune function and sperm quality in the field cricket <i>Teleogryllus oceanicus</i> . <i>Behavioral Ecology</i> , 2010 , 21, 1330-1336	2.3	61
281	Preferences across the menstrual cycle for masculinity and symmetry in photographs of male faces and bodies. <i>PLoS ONE</i> , 2009 , 4, e4138	3.7	59
280	Polyandry, sperm competition, and reproductive success in mice. <i>Behavioral Ecology</i> , 2008 , 19, 695-702	2.3	59
279	Behavioural dynamics of biparental care in the dung beetle <i>Onthophagus taurus</i> . <i>Animal Behaviour</i> , 2002 , 64, 65-75	2.8	59
278	Experimental coevolution of male and female genital morphology. <i>Nature Communications</i> , 2011 , 2, 374	17.4	58
277	Quantitative genetic correlation between trait and preference supports a sexually selected sperm process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 16604-8	11.5	58
276	Effects of vitamin E and beta-carotene on sperm competitiveness. <i>Ecology Letters</i> , 2011 , 14, 891-5	10	57
275	Reproductive competition promotes the evolution of female weaponry. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 2035-40	4.4	57
274	Heritability of a male character chosen by females of the field cricket, <i>Gryllus bimaculatus</i> . <i>Behavioral Ecology and Sociobiology</i> , 1987 , 21, 129-133	2.5	57

273	Reproductive strategies of the crickets (Orthoptera: Gryllidae) 1997 , 89-109		56
272	Immune function reflected in calling song characteristics in a natural population of the cricket <i>Teleogryllus commodus</i> . <i>Animal Behaviour</i> , 2005 , 69, 1235-1241	2.8	56
271	Sperm competition games played by dimorphic male beetles: fertilization gains with equal mating access. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000 , 267, 1547-53	4.4	55
270	Sex differences in immunity in two species of field crickets. <i>Canadian Journal of Zoology</i> , 2004 , 82, 627-634	3.4	54
269	Acoustically-orienting parasitoids in calling and silent males of the field cricket <i>Teleogryllus oceanicus</i> . <i>Ecological Entomology</i> , 1995 , 20, 380-383	2.1	54
268	The heritability of sexually dimorphic traits in the yellow dung fly <i>Scathophaga stercoraria</i> (L.). <i>Journal of Evolutionary Biology</i> , 1991 , 4, 593-601	2.3	54
267	Short-term changes in numbers of the yellow dung fly <i>Scathophaga stercoraria</i> (Diptera: Scathophagidae). <i>Ecological Entomology</i> , 1990 , 15, 115-118	2.1	54
266	Complex patterns of multivariate selection on the ejaculate of a broadcast spawning marine invertebrate. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 2451-60	3.8	53
265	Model systems, taxonomic bias, and sexual selection: beyond <i>Drosophila</i> . <i>Annual Review of Entomology</i> , 2014 , 59, 321-38	21.8	52
264	The evolution of male genitalia: patterns of genetic variation and covariation in the genital sclerites of the dung beetle <i>Onthophagus taurus</i> . <i>Journal of Evolutionary Biology</i> , 2005 , 18, 1281-92	2.3	52
263	Phonotactic parasitoids and cricket song structure: An evaluation of alternative hypotheses. <i>Evolutionary Ecology</i> , 1996 , 10, 233-243	1.8	52
262	Female choice and manipulations of forceps size and symmetry in the earwig <i>Forficula auricularia</i> L. <i>Animal Behaviour</i> , 1998 , 56, 347-356	2.8	51
261	Fitness consequences of parental compatibility in the frog <i>Crinia georgiana</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008 , 62, 879-86	3.8	51
260	Sexual selection and its evolutionary consequences in female animals. <i>Biological Reviews</i> , 2019 , 94, 929-956	3.6	51
259	Experimental evidence for the evolution of the Mammalian baculum by sexual selection. <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 276-83	3.8	50
258	Experimental evolution of sperm competitiveness in a mammal. <i>BMC Evolutionary Biology</i> , 2011 , 11, 19	3	49
257	The role of cuticular hydrocarbons in male attraction and repulsion by female Dawson's burrowing bee, <i>Amegilla dawsoni</i> . <i>Animal Behaviour</i> , 2003 , 66, 677-685	2.8	49
256	Relative Parental Expenditure, Potential Reproductive Rates, and the Control of Sexual Selection in Katydid. <i>American Naturalist</i> , 1995 , 145, 797-808	3.7	49

255	Sperm and seminal fluid proteomes of the field cricket <i>Teleogryllus oceanicus</i> : identification of novel proteins transferred to females at mating. <i>Insect Molecular Biology</i> , 2013 , 22, 115-30	3.4	48
254	Dung Beetles as a Candidate Study Taxon in Applied Biodiversity Conservation Research 2011 , 267-291		48
253	The evolution of male genitalia: functional integration of genital sclerites in the dung beetle <i>Onthophagus taurus</i> . <i>Biological Journal of the Linnean Society</i> , 2008 , 93, 257-266	1.9	48
252	Are human female preferences for symmetrical male faces enhanced when conception is likely?. <i>Animal Behaviour</i> , 2002 , 64, 233-238	2.8	48
251	Relationships between sperm length and speed differ among three internally and three externally fertilizing species. <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 92-104	3.8	47
250	Sperm competitiveness in frogs: slow and steady wins the race. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 3955-61	4.4	47
249	Evolutionary quantitative genetics of sperm 2009 , 405-434		47
248	Cuticular hydrocarbons are heritable in the cricket <i>Teleogryllus oceanicus</i> . <i>Journal of Evolutionary Biology</i> , 2008 , 21, 801-6	2.3	47
247	Sexual conflict and correlated evolution between male persistence and female resistance traits in the seed beetle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	45
246	Cuticular hydrocarbons influence female attractiveness to males in the Australian field cricket, <i>Teleogryllus oceanicus</i> . <i>Journal of Evolutionary Biology</i> , 2010 , 23, 707-14	2.3	45
245	Among-population covariation between sperm competition and ejaculate expenditure in frogs. <i>Behavioral Ecology</i> , 2010 , 21, 322-328	2.3	45
244	Evidence for stabilizing selection and slow divergent evolution of male genitalia in a millipede (<i>Antichiropus variabilis</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 1138-53	3.8	44
243	Geographical variation in calling song of the field cricket <i>Teleogryllus oceanicus</i> : the importance of spatial scale. <i>Journal of Evolutionary Biology</i> , 2008 , 14, 731-741	2.3	44
242	A cost of maternal care in the dung beetle <i>Onthophagus taurus</i> ?. <i>Journal of Evolutionary Biology</i> , 2002 , 15, 57-64	2.3	44
241	Female preferences for acoustic and olfactory signals during courtship: male crickets send multiple messages. <i>Behavioral Ecology</i> , 2013 , 24, 1099-1107	2.3	43
240	Live fast die young life history in females: evolutionary trade-off between early life mating and lifespan in female <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2015 , 5, 15469	4.9	43
239	Dimorphisms and fluctuating asymmetry in the forceps of male earwigs. <i>Journal of Evolutionary Biology</i> , 1996 , 9, 753-770	2.3	43
238	Calling Songs of Field Crickets (<i>Teleogryllus oceanicus</i>) With and Without Phonotactic Parasitoid Infection. <i>Evolution; International Journal of Organic Evolution</i> , 1998 , 52, 166	3.8	42

237	Are body fluctuating asymmetry and the ratio of 2nd to 4th digit length reliable predictors of semen quality?. <i>Human Reproduction</i> , 2003 , 18, 808-12	5.7	41
236	Sexual selection can remove an experimentally induced mutation load. <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 295-300	3.8	40
235	Crickets detect the genetic similarity of mating partners via cuticular hydrocarbons. <i>Journal of Evolutionary Biology</i> , 2011 , 24, 1793-800	2.3	40
234	Sperm competition and the evolution of precopulatory weapons: Increasing male density promotes sperm competition and reduces selection on arm strength in a chorusing frog. <i>Evolution; International Journal of Organic Evolution</i> , 2015 , 69, 2613-24	3.8	39
233	Polyandry in the wild: temporal changes in female mating frequency and sperm competition intensity in natural populations of the tettigoniid <i>Requena verticalis</i> . <i>Molecular Ecology</i> , 2007 , 16, 4613-23	5.7	39
232	Women can judge sexual unfaithfulness from unfamiliar men's faces. <i>Biology Letters</i> , 2013 , 9, 20120908	3.6	38
231	The strength of postcopulatory sexual selection within natural populations of field crickets. <i>Behavioral Ecology</i> , 2010 , 21, 1179-1185	2.3	38
230	Patterns of fluctuating asymmetry in earwig forceps: no evidence for reliable signalling. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995 , 259, 89-96	4.4	38
229	Ejaculate economics: testing the effects of male sexual history on the trade-off between sperm and immune function in Australian crickets. <i>PLoS ONE</i> , 2012 , 7, e30172	3.7	37
228	Seminal fluid affects sperm viability in a cricket. <i>PLoS ONE</i> , 2011 , 6, e17975	3.7	37
227	Pheromonal cues for the recognition of kin by female field crickets, <i>Gryllus bimaculatus</i> . <i>Animal Behaviour</i> , 1990 , 40, 192-195	2.8	37
226	Strategic adjustments in sperm production within and between two island populations of house mice. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 3061-70	3.8	36
225	Can minor males of Dawson's burrowing bee, <i>Amegilla dawsoni</i> (Hymenoptera: Anthophorini) compensate for reduced access to virgin females through sperm competition?. <i>Behavioral Ecology</i> , 2000 , 11, 319-325	2.3	36
224	Facial attractiveness ratings from video-clips and static images tell the same story. <i>PLoS ONE</i> , 2011 , 6, e26653	3.7	35
223	Some constraints on reproduction for male bushcrickets, <i>Requena verticalis</i> (Orthoptera : Tettigoniidae) diet, size and parasite load. <i>Behavioral Ecology and Sociobiology</i> , 1993 , 32, 135-139	2.5	34
222	Gametic interactions promote inbreeding avoidance in house mice. <i>Ecology Letters</i> , 2015 , 18, 937-43	10	33
221	Low pitched voices are perceived as masculine and attractive but do they predict semen quality in men?. <i>PLoS ONE</i> , 2011 , 6, e29271	3.7	33
220	Mate choice in the dung beetle <i>Onthophagus sagittarius</i> : are female horns ornaments?. <i>Behavioral Ecology</i> , 2010 , 21, 424-430	2.3	33

219	Short-term phenotypic plasticity in long-chain cuticular hydrocarbons. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 3123-8	4.4	33
218	Genetic analysis of parentage within experimental populations of a male dimorphic beetle, <i>Onthophagus taurus</i> , using amplified fragment length polymorphism. <i>Behavioral Ecology and Sociobiology</i> , 2004 , 57, 164-173	2.5	33
217	Patterns of fluctuating asymmetry in beetle horns: no evidence for reliable signaling. <i>Behavioral Ecology</i> , 1998 , 9, 465-470	2.3	33
216	Heritability of size but not symmetry in a sexually selected trait chosen by female earwigs. <i>Heredity</i> , 1999 , 82, 151-157	3.6	33
215	Socially cued seminal fluid gene expression mediates responses in ejaculate quality to sperm competition risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	32
214	Male house mice evolving with post-copulatory sexual selection sire embryos with increased viability. <i>Ecology Letters</i> , 2012 , 15, 42-6	10	32
213	Female crickets assess relatedness during mate guarding and bias storage of sperm towards unrelated males. <i>Journal of Evolutionary Biology</i> , 2013 , 26, 1261-8	2.3	32
212	Egg jelly influences sperm motility in the externally fertilizing frog, <i>Crinia georgiana</i> . <i>Journal of Evolutionary Biology</i> , 2009 , 22, 225-9	2.3	32
211	Does attractiveness in men provide clues to semen quality?. <i>Journal of Evolutionary Biology</i> , 2008 , 21, 572-9	2.3	32
210	No fecundity cost of female secondary sexual trait expression in the horned beetle <i>Onthophagus sagittarius</i> . <i>Journal of Evolutionary Biology</i> , 2008 , 21, 1227-35	2.3	32
209	CALLING SONGS OF FIELD CRICKETS (<i>TELEOGRYLLUS OCEANICUS</i>) WITH AND WITHOUT PHONOTACTIC PARASITOID INFECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1998 , 52, 166-171	3.8	32
208	Reproductive investment in bushcrickets: the allocation of male and female nutrients to offspring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1993 , 252, 1-5	4.4	32
207	Acoustic cues alter perceived sperm competition risk in the field cricket <i>Teleogryllus oceanicus</i> . <i>Behavioral Ecology</i> , 2013 , 24, 982-986	2.3	31
206	Optimal copula duration in yellow dung flies: ejaculatory duct dimensions and size-dependent sperm displacement. <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 924-35	3.8	31
205	Courtship role reversal in bush crickets: another role for parasites?. <i>Behavioral Ecology</i> , 1994 , 5, 259-266	2.3	31
204	Sperm competition and the evolution of the sperm hook in house mice. <i>Journal of Evolutionary Biology</i> , 2009 , 22, 2505-11	2.3	30
203	Male potential reproductive rate influences mate choice in a bushcricket. <i>Animal Behaviour</i> , 1998 , 55, 1499-506	2.8	30
202	Genotypic variation in calling song and female preferences of the field cricket <i>Teleogryllus oceanicus</i> . <i>Animal Behaviour</i> , 2004 , 68, 313-322	2.8	30

201	Brood-provisioning strategies in Dawson's burrowing bee, <i>Amegilla dawsoni</i> (Hymenoptera: Anthophorini). <i>Behavioral Ecology and Sociobiology</i> , 2001 , 50, 81-89	2.5	30
200	Microsatellite analysis of sperm-use patterns in the bushcricket <i>Requena verticalis</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 942-52	3.8	30
199	The influence of diet and environment on the gut microbial community of field crickets. <i>Ecology and Evolution</i> , 2018 , 8, 4704-4720	2.8	29
198	Age-dependent trade-offs between immunity and male, but not female, reproduction. <i>Journal of Animal Ecology</i> , 2013 , 82, 235-44	4.7	29
197	Micro-CT scanning provides insight into the functional morphology of millipede genitalia. <i>Journal of Zoology</i> , 2012 , 287, 91-95	2	29
196	Correlated evolution of sexual dimorphism and male dimorphism in a clade of neotropical harvestmen. <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 1671-86	3.8	28
195	Assortative mating for relatedness in a large naturally occurring population of <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2012 , 25, 716-25	2.3	28
194	The Evolutionary History and Diversification of Dung Beetles 2011 , 21-46		28
193	Male crickets alter the relative expression of cuticular hydrocarbons when exposed to different acoustic environments. <i>Animal Behaviour</i> , 2011 , 82, 49-53	2.8	28
192	Male-induced costs of mating for females compensated by offspring viability benefits in an insect. <i>Journal of Evolutionary Biology</i> , 2010 , 23, 2066-75	2.3	28
191	Mating tactics determine patterns of condition dependence in a dimorphic horned beetle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 2347-53	4.4	28
190	Secondary sexual trait size reveals competitive fertilization success in <i>Drosophila bipectinata</i> Duda. <i>Behavioral Ecology</i> , 2009 , 20, 753-760	2.3	28
189	Genetic dissimilarity, genetic diversity, and mate preferences in humans. <i>Evolution and Human Behavior</i> , 2010 , 31, 48-58	4	28
188	Costs of breeding and their effects on the direction of sexual selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 465-70	4.4	28
187	Experimental evolution reveals trade-offs between mating and immunity. <i>Biology Letters</i> , 2013 , 9, 20130262	3.6	27
186	No evidence for condition-dependent expression of male genitalia in the dung beetle <i>Onthophagus taurus</i> . <i>Journal of Evolutionary Biology</i> , 2007 , 20, 1322-32	2.3	27
185	Social manipulation of sperm competition intensity reduces seminal fluid gene expression. <i>Biology Letters</i> , 2018 , 14,	3.6	26
184	Evolutionary change in testes tissue composition among experimental populations of house mice. <i>Evolution; International Journal of Organic Evolution</i> , 2015 , 69, 848-55	3.8	26

183	Maternal effects on male weaponry: female dung beetles produce major sons with longer horns when they perceive higher population density. <i>BMC Evolutionary Biology</i> , 2012 , 12, 118	3	26
182	Tissue-specific transcriptomics in the field cricket <i>Teleogryllus oceanicus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2013 , 3, 225-30	3.2	26
181	Inbreeding depression in the competitive fertilization success of male crickets. <i>Journal of Evolutionary Biology</i> , 2011 , 24, 415-21	2.3	26
180	Sperm morphology, motility and fertilisation capacity in the myobatrachid frog <i>Crinia georgiana</i> . <i>Reproduction, Fertility and Development</i> , 2010 , 22, 516-22	1.8	26
179	Offspring viability benefits but no apparent costs of mating with high quality males. <i>Biology Letters</i> , 2011 , 7, 419-21	3.6	26
178	The effects of reproduction on courtship, fertility and longevity within and between alternative male mating tactics of the horned beetle, <i>Onthophagus binodis</i> . <i>Journal of Evolutionary Biology</i> , 2007 , 20, 488-95	2.3	26
177	Estimating relatedness and inbreeding using molecular markers and pedigrees: the effect of demographic history. <i>Molecular Ecology</i> , 2013 , 22, 5779-92	5.7	25
176	Divergence in genital morphology may contribute to mechanical reproductive isolation in a millipede. <i>Ecology and Evolution</i> , 2013 , 3, 334-43	2.8	25
175	How well does second-to-fourth-digit ratio in hands correlate with other indications of masculinity in males?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271 Suppl 5, S296-8	4.4	25
174	Testes investment and spawning mode in pipefishes and seahorses (Syngnathidae). <i>Biological Journal of the Linnean Society</i> , 2004 , 83, 369-376	1.9	25
173	Female genitalia can evolve more rapidly and divergently than male genitalia. <i>Nature Communications</i> , 2019 , 10, 1312	17.4	24
172	Sperm competition suppresses gene drive among experimentally evolving populations of house mice. <i>Molecular Ecology</i> , 2017 , 26, 5784-5792	5.7	24
171	Age Structure of Parasitized and Unparasitized Populations of the Field Cricket <i>Teleogryllus oceanicus</i> . <i>Ethology</i> , 2010 , 98, 333-340	1.7	24
170	Optimal maternal investment in the dung beetle <i>Onthophagus taurus</i> ?. <i>Behavioral Ecology and Sociobiology</i> , 2004 , 55, 302-312	2.5	24
169	Relative influence of male and female genital morphology on paternity in the dung beetle <i>Onthophagus taurus</i> . <i>Behavioral Ecology</i> , 2005 , 16, 889-897	2.3	24
168	Competition Between Larvae of the Field Cricket, <i>Gryllus bimaculatus</i> (Orthoptera: Gryllidae) and its Effects on Some Life-History Components of Fitness. <i>Journal of Animal Ecology</i> , 1987 , 56, 1015	4.7	24
167	Courtship Feeding in Katydid (Orthoptera: Tettigoniidae): Investment in Offspring and in Obtaining Fertilizations. <i>American Naturalist</i> , 1995 , 146, 307-315	3.7	24
166	Flight behaviour of honey bee (<i>Apis mellifera</i>) workers is altered by initial infections of the fungal parasite <i>Nosema apis</i> . <i>Scientific Reports</i> , 2016 , 6, 36649	4.9	23

165	The effect of maternal and paternal immune challenge on offspring immunity and reproduction in a cricket. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 1020-8	2.3	23
164	Patterns of paternity skew among polyandrous social insects: what can they tell us about the potential for sexual selection?. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 3778-88	3.8	23
163	Reproductive energetics of the role reversing bushcricket, <i>Kawanaphila nartee</i> (Orthoptera: Tettigoniidae: Zaprochilinae). <i>Journal of Evolutionary Biology</i> , 1994 , 7, 189-200	2.3	23
162	Experimental manipulation reveals a trade-off between weapons and testes. <i>Journal of Evolutionary Biology</i> , 2018 , 31, 57-65	2.3	23
161	The evolution of female genitalia. <i>Journal of Evolutionary Biology</i> , 2019 , 32, 882-899	2.3	22
160	Ontogenetic changes in seminal fluid gene expression and the protein composition of cricket seminal fluid. <i>Evolution & Development</i> , 2014 , 16, 101-9	2.6	22
159	Sperm competition does not influence sperm hook morphology in selection lines of house mice. <i>Journal of Evolutionary Biology</i> , 2011 , 24, 856-62	2.3	22
158	Island hopping introduces Polynesian field crickets to novel environments, genetic bottlenecks and rapid evolution. <i>Journal of Evolutionary Biology</i> , 2011 , 24, 1199-211	2.3	22
157	Panmixia: an example from Dawson's burrowing bee (<i>Amegilla dawsoni</i>) (Hymenoptera: Anthophorini). <i>Molecular Ecology</i> , 2006 , 15, 951-7	5.7	22
156	Genetic variation underlying the expression of a polyphenism. <i>Journal of Evolutionary Biology</i> , 2012 , 25, 748-58	2.3	21
155	Changes in dominance status erode personality and behavioral syndromes. <i>Behavioral Ecology</i> , 2017 , 28, 270-279	2.3	21
154	Male genital morphology influences paternity success in the millipede <i>Antichiropus variabilis</i> . <i>Behavioral Ecology and Sociobiology</i> , 2011 , 65, 1843-1856	2.5	21
153	No evidence for optimal fitness at intermediate levels of inbreeding in <i>Drosophila melanogaster</i> . <i>Biological Journal of the Linnean Society</i> , 2009 , 98, 501-510	1.9	21
152	Male morph predicts investment in larval immune function in the dung beetle, <i>Onthophagus taurus</i> . <i>Behavioral Ecology</i> , 2008 , 19, 331-337	2.3	21
151	Function of copulatory plugs in house mice: mating behavior and paternity outcomes of rival males. <i>Behavioral Ecology</i> , 2016 , 27, 185-195	2.3	20
150	X-ray micro-CT scanning reveals temporal separation of male harm and female kicking during traumatic mating in seed beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	20
149	Reproductive Competition and its Impact on the Evolution and Ecology of Dung Beetles 2011 , 1-20		20
148	Unfamiliar citations breed mistakes. <i>Nature</i> , 1999 , 400, 307	50.4	20

147	Parental investment and the control of sexual selection: can sperm competition affect the direction of sexual competition?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1996 , 263, 515-519	4.4	20
146	Agonistic communication between males of a zaprochiline katydid (Orthoptera: Tettigoniidae). <i>Behavioral Ecology</i> , 1993 , 4, 364-368	2.3	20
145	Population density mediates the interaction between pre- and postmating sexual selection. <i>Evolution; International Journal of Organic Evolution</i> , 2018 , 72, 893-905	3.8	19
144	25 years of Behavioral Ecology. <i>Behavioral Ecology</i> , 2014 , 25, 1-3	2.3	19
143	Complex genotype by environment interactions and changing genetic architectures across thermal environments in the Australian field cricket, <i>Teleogryllus oceanicus</i> . <i>BMC Evolutionary Biology</i> , 2011 , 11, 222	3	19
142	Maternal effects, but no good or compatible genes for sperm competitiveness in Australian crickets. <i>Evolution; International Journal of Organic Evolution</i> , 2010 , 64, 1257-66	3.8	19
141	On the post-copulatory guarding behaviour of male field crickets. <i>Animal Behaviour</i> , 1991 , 42, 504-505	2.8	19
140	Good genes and sexual selection in dung beetles (<i>Onthophagus taurus</i>): genetic variance in egg-to-adult and adult viability. <i>PLoS ONE</i> , 2011 , 6, e16233	3.7	19
139	Putative sex-specific human pheromones do not affect gender perception, attractiveness ratings or unfaithfulness judgements of opposite sex faces. <i>Royal Society Open Science</i> , 2017 , 4, 160831	3.3	18
138	Nutritional geometry of paternal effects on embryo mortality. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	18
137	Replicated evolutionary divergence in the cuticular hydrocarbon profile of male crickets associated with the loss of song in the Hawaiian archipelago. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 2249-57	2.3	18
136	Females suffer a reduction in the viability of stored sperm following an immune challenge. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 133-40	2.3	18
135	Predation is associated with variation in colour pattern, but not body shape or colour reflectance, in a rainbowfish (<i>Melanotaenia australis</i>). <i>Journal of Animal Ecology</i> , 2011 , 80, 183-91	4.7	18
134	Nuptial gifts fail to resolve a sexual conflict in an insect. <i>BMC Evolutionary Biology</i> , 2008 , 8, 204	3	18
133	Molecular evidence for multiple paternity in a feral population of green swordtails. <i>Journal of Heredity</i> , 2008 , 99, 610-5	2.4	18
132	Rapid loss of behavioral plasticity and immunocompetence under intense sexual selection. <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 2550-8	3.8	17
131	Males harm females less when competing with familiar relatives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	17
130	The coevolution of ova defensiveness with sperm competitiveness in house mice. <i>American Naturalist</i> , 2014 , 183, 565-72	3.7	17

129	Heat stress but not inbreeding affects offensive sperm competitiveness in <i>Callosobruchus maculatus</i> . <i>Ecology and Evolution</i> , 2013 , 3, 2859-66	2.8	17
128	Sex ratio bias in the dung beetle <i>Onthophagus taurus</i> : adaptive allocation or sex-specific offspring mortality?. <i>Evolutionary Ecology</i> , 2011 , 25, 363-372	1.8	17
127	Pre- and post-mating sexual selection both favor large males in a rainbowfish. <i>Behavioral Ecology and Sociobiology</i> , 2010 , 64, 915-925	2.5	17
126	Female crickets trade offspring viability for fecundity. <i>Journal of Evolutionary Biology</i> , 2007 , 20, 1617-23	2.3	17
125	Offensive and defensive sperm competition roles in the dung beetle <i>Onthophagus taurus</i> (Coleoptera: Scarabaeidae). <i>Behavioral Ecology and Sociobiology</i> , 2006 , 60, 131-136	2.5	17
124	Seasonal change in offspring sex and size in Dawson's burrowing bees (<i>Amegilla dawsoni</i>) (Hymenoptera: Anthophorini). <i>Ecological Entomology</i> , 2005 , 30, 247-254	2.1	17
123	Postcopulatory sexual selection when a female mates once. <i>Animal Behaviour</i> , 2016 , 116, 13-16	2.8	17
122	Preference for related mates in the fruit fly, <i>Drosophila melanogaster</i> . <i>Animal Behaviour</i> , 2012 , 84, 1169-1176	1.7	16
121	Loss of the nuclear receptor corepressor SLIRP compromises male fertility. <i>PLoS ONE</i> , 2013 , 8, e70700	3.7	16
120	Do Cyclic Changes in Women's Face Preferences Target Cues to Long-term Health?. <i>Social Cognition</i> , 2006 , 24, 641-656	1.2	16
119	EVOLUTION OF EJACULATES: PATTERNS OF PHENOTYPIC AND GENOTYPIC VARIATION AND CONDITION DEPENDENCE IN SPERM COMPETITION TRAITS. <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 1622	3.8	16
118	Sampling bias and fluctuating asymmetry. <i>Animal Behaviour</i> , 1995 , 49, 1697-1699	2.8	16
117	Male-male behavior and sexual dimorphism of the ear of a zaprochiline tettigoniid (Orthoptera: Tettigoniidae). <i>Journal of Insect Behavior</i> , 1991 , 4, 51-65	1.1	16
116	Sperm competition and the coevolution of pre- and postcopulatory traits: Weapons evolve faster than testes among onthophagine dung beetles. <i>Evolution; International Journal of Organic Evolution</i> , 2016 , 70, 998-1008	3.8	16
115	Sperm competition and the evolution of precopulatory weapons: Testis size and amplexus position, but not arm strength, affect fertilization success in a chorusing frog. <i>Evolution; International Journal of Organic Evolution</i> , 2017 , 71, 329-341	3.8	15
114	Biological Control: Ecosystem Functions Provided by Dung Beetles 2011 , 245-266		15
113	Selection on male physical performance during male-male competition and female choice. <i>Behavioral Ecology</i> , 2016 , 27, 1288-1295	2.3	15
112	The carotenoid beta-carotene enhances facial color, attractiveness and perceived health, but not actual health, in humans. <i>Behavioral Ecology</i> , 2017 , 28, 570-578	2.3	14

111	Nongenetic paternal effects via seminal fluid. <i>Evolution Letters</i> , 2019 , 3, 403-411	5.3	14
110	A test of the sexy-sperm and good-sperm hypotheses for the evolution of polyandry. <i>Behavioral Ecology</i> , 2014 , 25, 989-995	2.3	14
109	No evidence for a trade-off between sperm length and male premating weaponry. <i>Journal of Evolutionary Biology</i> , 2015 , 28, 2187-95	2.3	14
108	Sperm competition in humans: mate guarding behavior negatively correlates with ejaculate quality. <i>PLoS ONE</i> , 2014 , 9, e108099	3.7	14
107	The Ecological Implications of Physiological Diversity in Dung Beetles 2011 , 200-219		14
106	Ultrastructure of spermatozoa of <i>Onthophagus taurus</i> (Coleoptera, Scarabaeidae) exhibits heritable variation. <i>Die Naturwissenschaften</i> , 2011 , 98, 213-23	2	14
105	Phenotypic plasticity in genitalia: baculum shape responds to sperm competition risk in house mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	13
104	Intralocus tactical conflict: genetic correlations between fighters and sneakers of the dung beetle <i>Onthophagus taurus</i> . <i>Journal of Evolutionary Biology</i> , 2015 , 28, 730-8	2.3	13
103	Why do female <i>Callosobruchus maculatus</i> kick their mates?. <i>PLoS ONE</i> , 2014 , 9, e95747	3.7	13
102	No postcopulatory response to inbreeding by male crickets. <i>Biology Letters</i> , 2008 , 4, 183-5	3.6	13
101	Microsatellite loci for the Australian field cricket <i>Teleogryllus oceanicus</i> and their cross-utility in <i>Teleogryllus commodus</i> . <i>Molecular Ecology Notes</i> , 2005 , 5, 733-735		13
100	Alternative phenotypes within mating systems 2014 , 106-128		13
99	Additive genetic variance in polyandry enables its evolution, but polyandry is unlikely to evolve through sexy or good sperm processes. <i>Journal of Evolutionary Biology</i> , 2016 , 29, 916-28	2.3	12
98	A competitive environment influences sperm production, but not testes tissue composition, in house mice. <i>Journal of Evolutionary Biology</i> , 2018 , 31, 1647-1654	2.3	12
97	Sexual selection across sensory modalities: female choice of male behavioral and gustatory displays. <i>Behavioral Ecology</i> , 2018 , 29, 1096-1104	2.3	12
96	Sperm competition risk generates phenotypic plasticity in ovum fertilizability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20132097	4.4	12
95	Olfactory Ecology 2011 , 87-106		12
94	Sexual Selection: A Very Short Introduction 2018 ,		12

93	Sexual signalling by females: do unmated females increase their signalling effort?. <i>Biology Letters</i> , 2015 , 11, 20150298	3.6	11
92	Immune function during early adolescence positively predicts adult facial sexual dimorphism in both men and women. <i>Evolution and Human Behavior</i> , 2020 , 41, 199-209	4	11
91	The genetics of primary and secondary sexual character trade-offs in a horned beetle. <i>Journal of Evolutionary Biology</i> , 2012 , 25, 1711-7	2.3	11
90	The Visual Ecology of Dung Beetles 2011 , 177-199		11
89	Benefits of polyandry: Molecular evidence from field-caught dung beetles. <i>Molecular Ecology</i> , 2017 , 26, 3546-3555	5.7	10
88	State-dependent changes in risk-taking behaviour as a result of age and residual reproductive value. <i>Animal Behaviour</i> , 2018 , 142, 95-100	2.8	10
87	Context-dependent relationship between a composite measure of men's mate value and ejaculate quality. <i>Behavioral Ecology</i> , 2014 , 25, 1115-1122	2.3	10
86	Men's Sexual Faithfulness Judgments May Contain a Kernel of Truth. <i>PLoS ONE</i> , 2015 , 10, e0134007	3.7	10
85	Female effects, but no intrinsic male effects on paternity outcome in crickets. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 1644-9	2.3	10
84	Evolution and Development: Onthophagus Beetles and the Evolutionary Development Genetics of Innovation, Allometry and Plasticity 2011 , 126-151		10
83	Allocation of maternal- and ejaculate-derived proteins to reproduction in female crickets, <i>Teleogryllus oceanicus</i> . <i>Journal of Evolutionary Biology</i> , 2011 , 24, 132-8	2.3	10
82	Population genetic structure and a possible role for selection in driving phenotypic divergence in a rainbowfish (Melanotaeniidae). <i>Biological Journal of the Linnean Society</i> , 2011 , 102, 144-160	1.9	10
81	Consequences of sperm displacement for female dung flies, <i>Scatophaga stercoraria</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 1755-1760	4.4	10
80	Genetic variation but weak genetic covariation between pre- and post-copulatory episodes of sexual selection in <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2016 , 29, 1535-52	2.3	10
79	Natural and sexual selection on cuticular hydrocarbons: a quantitative genetic analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20190677	4.4	9
78	The effects of the social environment and physical disturbance on personality traits. <i>Animal Behaviour</i> , 2018 , 138, 109-121	2.8	9
77	Macronutrients and micronutrients drive trade-offs between male pre- and postmating sexual traits. <i>Functional Ecology</i> , 2018 , 32, 2380-2394	5.6	9
76	Contrasting responses of pre- and post-copulatory traits to variation in mating competition. <i>Functional Ecology</i> , 2014 , 28, 494-499	5.6	9

75	Paternal effects on the expression of a male polyphenism. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 3167-78	3.8	9
74	Does genetic diversity predict health in humans?. <i>PLoS ONE</i> , 2009 , 4, e6391	3.7	9
73	Correlates of ball size and rolling speed in the dung beetle <i>Kheper nigroaeneus</i> (Coleoptera: Scarabaeidae). <i>Journal of Zoology</i> , 1999 , 248, 483-487	2	9
72	No evidence of conpopulation sperm precedence between allopatric populations of house mice. <i>PLoS ONE</i> , 2014 , 9, e107472	3.7	9
71	Fifty years of sperm competition: the structure of a scientific revolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020 , 375, 20200060	5.8	9
70	Female cuticular hydrocarbons can signal indirect fecundity benefits in an insect. <i>Evolution; International Journal of Organic Evolution</i> , 2019 , 73, 982-989	3.8	8
69	Sexual ornaments but not weapons trade off against testes size in primates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20182542	4.4	8
68	Sexual selection and the evolution of secondary sexual traits: sex comb evolution in <i>Drosophila</i> . <i>Journal of Evolutionary Biology</i> , 2013 , 26, 912-8	2.3	8
67	Male Contest Competition and the Evolution of Weapons 2011 , 47-65		8
66	Worker heterozygosity and immune response in feral and managed honeybees (<i>Apis mellifera</i>). <i>Australian Journal of Zoology</i> , 2011 , 59, 73	0.5	8
65	The Mating System of <i>Amegilla</i> (<i>Asarapoda</i>) <i>paracalva</i> Brooks (Hymenoptera: Apidae). <i>Journal of Insect Behavior</i> , 2010 , 23, 69-79	1.1	8
64	Does variation in female body size affect nesting success in Dawson's burrowing bee, <i>Amegilla dawsoni</i> (Apidae: Anthophorini)?. <i>Ecological Entomology</i> , 2006 , 31, 352-357	2.1	8
63	Microsatellite loci for Dawson's burrowing bee (<i>Amegilla dawsoni</i>) and their cross-utility in other <i>Amegilla</i> species. <i>Molecular Ecology Notes</i> , 2004 , 4, 379-381		8
62	Effects of <i>Macrocheles</i> mites on longevity of males of the dimorphic dung beetle <i>Onthophagus binodis</i> . <i>Journal of Zoology</i> , 2001 , 254, 441-445	2	8
61	GEOGRAPHIC VARIATION IN FEMALE PREFERENCE FUNCTIONS AND MALE SONGS OF THE FIELD CRICKET <i>TELEOGRYLLUS OCEANICUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 1386	3.8	8
60	Experimental evolution reveals divergence in female genital teeth morphology in response to sexual conflict intensity in a moth. <i>Journal of Evolutionary Biology</i> , 2019 , 32, 519-524	2.3	7
59	Sex differences in nutrient intake can reduce the potential for sexual conflict over fitness maximization by female and male crickets. <i>Journal of Evolutionary Biology</i> , 2019 , 32, 1106-1116	2.3	7
58	Human Sperm Competition: Playing a Defensive Strategy. <i>Advances in the Study of Behavior</i> , 2014 , 46, 1-44	3.4	7

57	Explaining Phenotypic Diversity: The Conditional Strategy and Threshold Trait Expression 2011 , 107-125	7	
56	Rival male relatedness does not affect ejaculate allocation as predicted by sperm competition theory. <i>PLoS ONE</i> , 2008 , 3, e2151	3.7	7
55	Genetic breeding system and investment patterns within nests of Dawson's burrowing bee (<i>Amegilla dawsoni</i>) (Hymenoptera: Anthophorini). <i>Molecular Ecology</i> , 2006 , 15, 3459-67	5.7	7
54	Sexual Selection Shapes Seminal Vesicle Secretion Gene Expression in House Mice. <i>Molecular Biology and Evolution</i> , 2020 , 37, 1114-1117	8.3	7
53	The relationship between health and mating success in humans. <i>Royal Society Open Science</i> , 2017 , 4, 160603	6.3	6
52	Male responses to sperm competition when rivals vary in number and familiarity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20182589	4.4	6
51	Males evolve to be more harmful under increased sexual conflict intensity in a seed beetle. <i>Behavioral Ecology</i> , 2020 , 31, 591-597	2.3	6
50	Male-biased sex ratio does not promote increased sperm competitiveness in the seed beetle, <i>Callosobruchus maculatus</i> . <i>Scientific Reports</i> , 2016 , 6, 28153	4.9	6
49	Mandatory data archiving in Behavioral Ecology. <i>Behavioral Ecology</i> , 2016 , 27, 1-1	2.3	6
48	Unravelling the effects of differential maternal allocation and male genetic quality on offspring viability in the dung beetle, <i>Onthophagus sagittarius</i> . <i>Evolutionary Ecology</i> , 2012 , 26, 139-147	1.8	6
47	Experimental evolution reveals differences between phenotypic and evolutionary responses to population density. <i>Journal of Evolutionary Biology</i> , 2017 , 30, 1763-1771	2.3	6
46	Sexual Selection after Mating: The Evolutionary Consequences of Sperm Competition and Cryptic Female Choice in Onthophagines 2011 , 66-86		6
45	Dung Beetle Populations: Structure and Consequences 2011 , 220-244		6
44	Evolutionary insight from a humble fly: sperm competition and the yellow dungfly. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020 , 375, 20200062	5.8	6
43	Dietary antioxidants, but not courtship effort, affect oxidative balance in the testes and muscles of crickets. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	6
42	Sex-specific pace-of-life syndromes. <i>Behavioral Ecology</i> , 2019 , 30, 1096-1105	2.3	5
41	Male and female secondary sexual traits show different patterns of quantitative genetic and environmental variation in the horned beetle <i>Onthophagus sagittarius</i> . <i>Journal of Evolutionary Biology</i> , 2010 , 23, 2397-402	2.3	5
40	Is genetic diversity associated with mating success in humans?. <i>Animal Behaviour</i> , 2010 , 79, 903-909	2.8	5

39	Ecological determinants of sex roles and female sexual selection. <i>Advances in the Study of Behavior</i> , 2020 , 1-28	3.4	5
38	Baculum shape and paternity success in house mice: evidence for genital coevolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020 , 375, 20200150	5.8	5
37	Sexual selection maintains a female-specific character in a species with dynamic sex roles. <i>Behavioral Ecology</i> , 2021 , 32, 609-616	2.3	5
36	Social cues affect quantitative genetic variation and covariation in animal personality traits. <i>Evolution; International Journal of Organic Evolution</i> , 2019 , 73, 540-553	3.8	5
35	Impressions of sexual unfaithfulness and their accuracy show a degree of universality. <i>PLoS ONE</i> , 2018 , 13, e0205716	3.7	5
34	Sexual unfaithfulness can be judged with some accuracy from men's but not women's faces. <i>Royal Society Open Science</i> , 2019 , 6, 181552	3.3	4
33	Sperm competition, sexual conflict, and speciation: a comment on Tinghitella et al.. <i>Behavioral Ecology</i> , 2018 , 29, 800-800	2.3	4
32	Experimental evidence for the role of sexual selection in the evolution of cuticular hydrocarbons in the dung beetle, <i>Onthophagus taurus</i> . <i>Journal of Evolutionary Biology</i> , 2019 , 32, 1186-1193	2.3	4
31	Isolation and characterization of 11 polymorphic microsatellite loci in the millipede <i>Antichiropus variabilis</i> Attems (Diplopoda: Polydesmida: Paradoxosomatidae). <i>Molecular Ecology Resources</i> , 2009 , 9, 1208-11	8.4	4
30	Isolation and characterization of 12 novel DNA microsatellites in the western rainbowfish, <i>Melanotaenia australis</i> . <i>Molecular Ecology Resources</i> , 2009 , 9, 1252-4	8.4	4
29	Mutualists or parasites? Context-dependent influence of symbiotic fly larvae on carnivorous investment in the Albany pitcher plant. <i>Royal Society Open Science</i> , 2016 , 3, 160690	3.3	4
28	Lifetime changes in phenotypic expression and evolutionary potential of female mating traits in <i>Drosophila melanogaster</i> . <i>Animal Behaviour</i> , 2016 , 121, 147-155	2.8	4
27	Guidelines for Transparency and Openness (TOP). <i>Behavioral Ecology</i> , 2017 , 28, 347-347	2.3	3
26	Gustatory cues to kinship among males moderate the productivity of females. <i>Behavioral Ecology</i> , 2019 ,	2.3	3
25	The coevolution of male and female genitalia in a mammal: A quantitative genetic insight. <i>Evolution; International Journal of Organic Evolution</i> , 2020 , 74, 1558-1567	3.8	3
24	Perceived physical strength in men is attractive to women but may come at a cost to ejaculate quality. <i>Animal Behaviour</i> , 2018 , 142, 191-197	2.8	3
23	Identification of seminal proteins related to the inhibition of mate searching in female crickets. <i>Behavioral Ecology</i> , 2020 , 31, 1344-1352	2.3	3
22	Males adjust their manipulation of female remating in response to sperm competition risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20201238	4.4	3

21	No Coolidge effect in the Australian field cricket <i>Teleogryllus oceanicus</i> (Orthoptera: Gryllidae). <i>Austral Entomology</i> , 2015 , 54, 433-437	1.1	2
20	Sex-biased mortality associated with inbreeding in <i>Drosophila melanogaster</i> . <i>BMC Evolutionary Biology</i> , 2014 , 14, 51	3	2
19	The Evolution of Parental Care in the Onthophagine Dung Beetles 2011 , 152-176		2
18	Dung Beetles 2009 , 304-307		2
17	Symmetry, attractiveness and sexual selection 2007 ,		2
16	Can paternal effects via seminal fluid contribute to the evolution of polyandry?. <i>Biology Letters</i> , 2020 , 16, 20200680	3.6	2
15	Phenotypic plasticity but no adaptive divergence in cuticular hydrocarbons and desiccation resistance among translocated populations of dung beetles. <i>Evolutionary Ecology</i> , 2020 , 34, 929-944	1.8	2
14	No evidence for divergence in male harmfulness or female resistance in response to changes in the opportunity for dispersal. <i>Journal of Evolutionary Biology</i> , 2020 , 33, 966-978	2.3	2
13	A costly chemical trait: phenotypic condition dependence of cuticular hydrocarbons in a dung beetle. <i>Journal of Evolutionary Biology</i> , 2018 , 31, 1772-1781	2.3	2
12	A link between heritable parasite resistance and mate choice in dung beetles. <i>Behavioral Ecology</i> , 2019 , 30, 1382-1387	2.3	1
11	Weapons Evolve Faster Than Sperm in Bovids and Cervids. <i>Cells</i> , 2021 , 10,	7.9	1
10	Can Sexual Selection Drive the Evolution of Sperm Cell Structure?. <i>Cells</i> , 2021 , 10,	7.9	1
9	Evolutionary, proteomic, and experimental investigations suggest the extracellular matrix of cumulus cells mediates fertilization outcomes <i>Biology of Reproduction</i> , 2021 , 105, 1043-1055	3.9	1
8	The devil is in the details: a comment on Shuker and Kvarnemo. <i>Behavioral Ecology</i> ,	2.3	1
7	Condition-dependent seminal fluid gene expression and intergenerational paternal effects on ejaculate quality. <i>Functional Ecology</i> , 2022 , 36, 798-811	5.6	1
6	X-Ray sex: Sexual conflict caught in the act. <i>Molecular Reproduction and Development</i> , 2018 , 85, 743-743	2.6	0
5	Quantifying variation in female internal genitalia: no evidence for plasticity in response to sexual conflict risk in a seed beetle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210746	4.4	0
4	Female genitalia. <i>Current Biology</i> , 2020 , 30, R1461-R1463	6.3	

- 3 Responsible sharing of articles published in Behavioral Ecology. *Behavioral Ecology*, **2018**, 29, 1003-1003^{2,3}
- 2 Probable marking behavior of *Cerceris clypeata* (Phlanthinae, Crabronidae, Hymenoptera). *Journal of Hymenoptera Research*, **67**, 121-125 ○
- 1 Sexual dimorphism in cuticular hydrocarbons and their potential use in mating in a bushcricket with dynamic sex roles. *Animal Behaviour*, **2022**, 187, 245-252 2.8