

# John Hunt

## List of Publications by Year in descending order

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113  
papers

6,296  
citations

76294

40  
h-index

74108

75  
g-index

128  
all docs

128  
docs citations

128  
times ranked

4185  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intralocus sexual conflict over optimal nutrient intake and the evolution of sex differences in life span and reproduction. <i>Functional Ecology</i> , 2022, 36, 865-881.	1.7	5
2	Mapping sex differences in the effects of protein and carbohydrates on lifespan and reproduction in <i>Drosophila melanogaster</i> : is measuring nutrient intake essential?. <i>Biogerontology</i> , 2022, 23, 129-144.	2.0	18
3	Genetic covariance in immune measures and pathogen resistance in decorated crickets is sex and pathogen specific. <i>Journal of Animal Ecology</i> , 2022, , .	1.3	4
4	Male and female genotype and a genotype-by-genotype interaction mediate the effects of mating on cellular but not humoral immunity in female decorated crickets. <i>Heredity</i> , 2021, 126, 477-490.	1.2	4
5	Sexual selection on the genital lobes of male <i>Drosophila simulans</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 501-514.	1.1	3
6	Active and Covert Infections of Cricket Iridovirus and <i>Acheta domesticus</i> Densovirus in Reared <i>Gryllobates sigillatus</i> Crickets. <i>Frontiers in Microbiology</i> , 2021, 12, 780796.	1.5	8
7	Multivariate stabilizing sexual selection and the evolution of male and female genital morphology in the red flour beetle*. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 883-896.	1.1	6
8	Macronutrient intake and simulated infection threat independently affect life history traits of male decorated crickets. <i>Ecology and Evolution</i> , 2020, 10, 11766-11778.	0.8	8
9	Confidence regions for the location of response surface optima: the R package OptimaRegion. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020, , 1-21.	0.6	8
10	Field cricket genome reveals the footprint of recent, abrupt adaptation in the wild. <i>Evolution Letters</i> , 2020, 4, 19-33.	1.6	32
11	Sexual selection and population divergence III: Interspecific and intraspecific variation in mating signals. <i>Journal of Evolutionary Biology</i> , 2020, 33, 990-1005.	0.8	11
12	Effects of inbreeding on life-history traits and sexual competency in decorated crickets. <i>Animal Behaviour</i> , 2019, 155, 241-248.	0.8	5
13	Operational sex ratio and density predict the potential for sexual selection in the broad-horned beetle. <i>Animal Behaviour</i> , 2019, 152, 63-69.	0.8	12
14	Interactions Between Mitochondrial Haplotype and Dietary Macronutrient Ratios Confer Sex-Specific Effects on Longevity in <i>Drosophila melanogaster</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1573-1581.	1.7	19
15	Inbreeding alters context-dependent reproductive effort and immunity in male crickets. <i>Journal of Evolutionary Biology</i> , 2019, 32, 731-741.	0.8	7
16	The troublesome gift: The spermatophylax as a purveyor of sexual conflict and coercion in crickets. <i>Advances in the Study of Behavior</i> , 2019, 51, 1-30.	1.0	8
17	Behavioural mechanisms of sexual isolation involving multiple modalities and their inheritance. <i>Journal of Evolutionary Biology</i> , 2019, 32, 243-258.	0.8	10
18	Age-dependent variation in the terminal investment threshold in male crickets. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 578-589.	1.1	31

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19	Allowing nature to be nurture: a comment on Bailey et al.. Behavioral Ecology, 2018, 29, 16-17.	1.0	1
20	The relative importance of intra- and intersexual selection on human male sexually dimorphic traits. Evolution and Human Behavior, 2018, 39, 424-436.	1.4	97
21	The Geometry of Nutrient Space—Based Life-History Trade-Offs: Sex-Specific Effects of Macronutrient Intake on the Trade-Off between Encapsulation Ability and Reproductive Effort in Decorated Crickets. American Naturalist, 2018, 191, 452-474.	1.0	57
22	Diet has independent effects on the pace and shape of aging in <i>Drosophila melanogaster</i> . Biogerontology, 2018, 19, 1-12.	2.0	10
23	Genotype-by-sex-by-diet interactions for nutritional preference, dietary consumption, and lipid deposition in a field cricket. Heredity, 2018, 121, 361-373.	1.2	5
24	Fecundity selection theory: concepts and evidence. Biological Reviews, 2017, 92, 341-356.	4.7	110
25	Sexual selection and population divergence II. Divergence in different sexual traits and signal modalities in field crickets ( <i>Teleogryllus oceanicus</i> ). Evolution; International Journal of Organic Evolution, 2017, 71, 1614-1626.	1.1	20
26	Effects of macronutrient intake on the lifespan and fecundity of the marula fruit fly, <i>Ceratitis cosyra</i> (Tephritidae): Extreme lifespan in a host specialist. Ecology and Evolution, 2017, 7, 9808-9817.	0.8	19
27	Little evidence for intralocus sexual conflict over the optimal intake of nutrients for life span and reproduction in the black field cricket <i>Teleogryllus commodus</i> . Evolution; International Journal of Organic Evolution, 2017, 71, 2159-2177.	1.1	22
28	The complex interplay between macronutrient intake, cuticular hydrocarbon expression and mating success in male decorated crickets. Journal of Evolutionary Biology, 2017, 30, 711-727.	0.8	17
29	Mating opportunities and energetic constraints drive variation in age-dependent sexual signalling. Functional Ecology, 2017, 31, 728-741.	1.7	19
30	Change in sex pheromone expression by nutritional shift in male cockroaches. Behavioral Ecology, 2017, 28, 1393-1401.	1.0	11
31	Dietary choice for a balanced nutrient intake increases the mean and reduces the variance in the reproductive performance of male and female cockroaches. Ecology and Evolution, 2016, 6, 4711-4730.	0.8	39
32	Macronutrient balance mediates the growth of sexually selected weapons but not genitalia in male broadhorned beetles. Functional Ecology, 2016, 30, 769-779.	1.7	30
33	Sexual selection and population divergence I: The influence of socially flexible cuticular hydrocarbon expression in male field crickets ( <i>Teleogryllus oceanicus</i> ). Evolution; International Journal of Organic Evolution, 2016, 70, 82-97.	1.1	23
34	Maternal effects and maternal selection arising from variation in allocation of free amino acid to eggs. Ecology and Evolution, 2015, 5, 2397-2410.	0.8	8
35	Sex-specific effects of protein and carbohydrate intake on reproduction but not lifespan in <i>Drosophila melanogaster</i> . Aging Cell, 2015, 14, 605-615.	3.0	187
36	Viability selection on female fly finery in the wild. Biological Journal of the Linnean Society, 2015, 116, 530-540.	0.7	6

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37	Testing the Effects of DL-Alpha-Tocopherol Supplementation on Oxidative Damage, Total Antioxidant Protection and the Sex-Specific Responses of Reproductive Effort and Lifespan to Dietary Manipulation in Australian Field Crickets ( <i>Teleogryllus commodus</i> ). <i>Antioxidants</i> , 2015, 4, 768-792.	2.2	14
38	Rival male chemical cues evoke changes in male pre- and post-copulatory investment in a flour beetle. <i>Behavioral Ecology</i> , 2015, 26, 1021-1029.	1.0	23
39	Protein and carbohydrate intake influence sperm number and fertility in male cockroaches, but not sperm viability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142144.	1.2	72
40	Understanding the link between sexual selection, sexual conflict and aging using crickets as a model. <i>Experimental Gerontology</i> , 2015, 71, 4-13.	1.2	17
41	Sex-specific effects of natural and sexual selection on the evolution of life span and ageing in <i>Drosophila simulans</i> . <i>Functional Ecology</i> , 2015, 29, 562-569.	1.7	12
42	What's in the Gift? Towards a Molecular Dissection of Nuptial Feeding in a Cricket. <i>PLoS ONE</i> , 2015, 10, e0140191.	1.1	8
43	Nutrient-specific compensatory feeding in a mammalian carnivore, the mink, <i>Neovison vison</i> . <i>British Journal of Nutrition</i> , 2014, 112, 1226-1233.	1.2	19
44	Self-recognition in crickets via on-line processing. <i>Current Biology</i> , 2014, 24, R1117-R1118.	1.8	15
45	Evolutionary rates for multivariate traits: the role of selection and genetic variation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130252.	1.8	39
46	Cuticular hydrocarbons as a basis for chemosensory self-referencing in crickets: a potentially universal mechanism facilitating polyandry in insects. <i>Ecology Letters</i> , 2013, 16, 346-353.	3.0	49
47	Quantifying the strength and form of sexual selection on men's traits. <i>Evolution and Human Behavior</i> , 2013, 34, 334-341.	1.4	154
48	OXIDATIVE STRESS AND THE EVOLUTION OF SEX DIFFERENCES IN LIFE SPAN AND AGEING IN THE DECORATED CRICKET, <i>GRYLLODES SIGILLATUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 620-634.	1.1	38
49	Balancing of specific nutrients and subsequent growth and body composition in the slug <i>Arion lusitanicus</i> . <i>Physiology and Behavior</i> , 2013, 122, 84-92.	1.0	16
50	Multivariate sexual selection on male song structure in wild populations of sagebrush crickets, <i>Cyphoderris strepitans</i> (Orthoptera: Haglidae). <i>Ecology and Evolution</i> , 2013, 3, 3590-3603.	0.8	16
51	Sexual selection on cuticular hydrocarbons of male sagebrush crickets in the wild. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132353.	1.2	48
52	Self-referent phenotype matching and its role in female mate choice in arthropods. <i>Environmental Epigenetics</i> , 2013, 59, 239-248.	0.9	19
53	Sexual and Natural Selection Both Influence Male Genital Evolution. <i>PLoS ONE</i> , 2013, 8, e63807.	1.1	58
54	Genotype-by-Environment Interactions for Female Mate Choice of Male Cuticular Hydrocarbons in <i>Drosophila simulans</i> . <i>PLoS ONE</i> , 2013, 8, e67623.	1.1	27

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55	Biting off more than you can chew: sexual selection on the free amino acid composition of the spermatophylax in decorated crickets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2531-2538.	1.2	22
56	The Genetics of Cuticular Hydrocarbon Profiles in the Fruit Fly <i>Drosophila simulans</i> . <i>Journal of Heredity</i> , 2012, 103, 230-239.	1.0	24
57	Optimal foraging for specific nutrients in predatory beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2212-2218.	1.2	176
58	Sexual Signaling and Immune Function in the Black Field Cricket <i>Teleogryllus commodus</i> . <i>PLoS ONE</i> , 2012, 7, e39631.	1.1	9
59	ANTAGONISTIC RESPONSES TO NATURAL AND SEXUAL SELECTION AND THE SEX-SPECIFIC EVOLUTION OF CUTICULAR HYDROCARBONS IN <i>DROSOPHILA SIMULANS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 665-677.	1.1	42
60	The Evolution of Parental Care in the Onthophagine Dung Beetles. , 2011, , 152-176.		2
61	MALE COCKROACHES PREFER A HIGH CARBOHYDRATE DIET THAT MAKES THEM MORE ATTRACTIVE TO FEMALES: IMPLICATIONS FOR THE STUDY OF CONDITION DEPENDENCE. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1594-1606.	1.1	92
62	EVIDENCE FOR STRONG INTRALOCUS SEXUAL CONFLICT IN THE INDIAN MEAL MOTH, <i>PLODIA INTERPUNCTELLA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2085-2097.	1.1	114
63	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.	0.5	20
64	Longevity, calling effort, and metabolic rate in two populations of cricket. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1773-1778.	0.6	16
65	The plasticity of phenotypic integration in response to light and water availability in the pepper grass, <i>Lepidium bonariense</i> . <i>Evolutionary Ecology</i> , 2010, 24, 1321-1337.	0.5	10
66	INBREEDING AND ADVERTISEMENT CALLING IN THE CRICKET <i>TELEOGRYLLUS COMMODUS</i> : LABORATORY AND FIELD EXPERIMENTS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, no-no.	1.1	28
67	Paternal effects in <i>Arabidopsis</i> indicate that offspring can influence their own size. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2885-2893.	1.2	26
68	Nutritional Geometry Provides Food for Thought. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 956-959.	1.7	10
69	Separate and combined effects of nutrition during juvenile and sexual development on female life-history trajectories: the thrifty phenotype in a cockroach. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3257-3264.	1.2	79
70	Evolutionary Response to Sexual Selection in Male Genital Morphology. <i>Current Biology</i> , 2009, 19, 1442-1446.	1.8	104
71	Effects of juvenile and adult diet on ageing and reproductive effort of male and female black field crickets, <i>Teleogryllus commodus</i> . <i>Functional Ecology</i> , 2009, 23, 602-611.	1.7	63
72	Male "male competition, female mate choice and their interaction: determining total sexual selection. <i>Journal of Evolutionary Biology</i> , 2009, 22, 13-26.	0.8	333

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73	Mate choice for genetic quality when environments vary: suggestions for empirical progress. <i>Genetica</i> , 2008, 134, 69-78.	0.5	79
74	EXPERIMENTAL EVIDENCE THAT SEXUAL CONFLICT INFLUENCES THE OPPORTUNITY, FORM AND INTENSITY OF SEXUAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2305-2315.	1.1	68
75	Female agreement over male attractiveness is not affected by cost of mating with experienced males. <i>Behavioral Ecology</i> , 2008, 19, 854-859.	1.0	13
76	Sperm competition, alternative mating tactics and context-dependent fertilization success in the burying beetle, <i>Nicrophorus vespilloides</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1309-1315.	1.2	28
77	Reconciling Strong Stabilizing Selection with the Maintenance of Genetic Variation in a Natural Population of Black Field Crickets ( <i>Teleogryllus commodus</i> ). <i>Genetics</i> , 2007, 177, 875-880.	1.2	68
78	Evolution: Lending a Helping Hand in Sperm Competition?. <i>Current Biology</i> , 2007, 17, R90-R93.	1.8	1
79	No Intra-Locus Sexual Conflict over Reproductive Fitness or Ageing in Field Crickets. <i>PLoS ONE</i> , 2007, 2, e155.	1.1	33
80	Complex Multivariate Sexual Selection on Male Acoustic Signaling in a Wild Population of <i>Teleogryllus commodus</i> . <i>American Naturalist</i> , 2006, 167, E102-E116.	1.0	150
81	Artificial Selection on Male Longevity Influences Age-Dependent Reproductive Effort in the Black Field Cricket <i>Teleogryllus commodus</i> . <i>American Naturalist</i> , 2006, 168, E72-E86.	1.0	56
82	Genetic association between male attractiveness and female differential allocation. <i>Biology Letters</i> , 2006, 2, 341-344.	1.0	17
83	Where do all the maternal effects go? Variation in offspring body size through ontogeny in the live-bearing fish <i>Poecilia parae</i> . <i>Biology Letters</i> , 2006, 2, 586-589.	1.0	88
84	SEXUAL CONFLICT AND CRYPTIC FEMALE CHOICE IN THE BLACK FIELD CRICKET, <i>TELEOGRYLLUS COMMODUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 792-800.	1.1	21
85	SEXUAL CONFLICT AND CRYPTIC FEMALE CHOICE IN THE BLACK FIELD CRICKET, <i>TELEOGRYLLUS COMMODUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 792.	1.1	76
86	Sexual conflict and cryptic female choice in the black field cricket, <i>Teleogryllus commodus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 792-800.	1.1	18
87	EXPERIMENTAL EVIDENCE FOR MULTIVARIATE STABILIZING SEXUAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 871-880.	1.1	186
88	Fighting success and attractiveness as predictors of male mating success in the black field cricket, <i>Teleogryllus commodus</i> : the effectiveness of no-choice tests. <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 1-8.	0.6	172
89	The Indirect Benefits of Mating with Attractive Males Outweigh the Direct Costs. <i>PLoS Biology</i> , 2005, 3, e33.	2.6	152
90	EXPERIMENTAL EVIDENCE FOR MULTIVARIATE STABILIZING SEXUAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 871.	1.1	22

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91	Male attractiveness covaries with fighting ability but not with prior fight outcome in house crickets. <i>Behavioral Ecology</i> , 2005, 16, 196-200.	1.0	51
92	Female Mate Choice as a Condition-Dependent Life-History Trait. <i>American Naturalist</i> , 2005, 166, 79-92.	1.0	225
93	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, S42-S68.	1.0	151
94	Experimental evidence for multivariate stabilizing sexual selection. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 871-80.	1.1	59
95	The mother-in-law effect. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S61-3.	1.2	2
96	Sinister strategies succeed at the cricket World Cup. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S64-6.	1.2	66
97	NO EVIDENCE FOR INBREEDING AVOIDANCE THROUGH POSTCOPULATORY MECHANISMS IN THE BLACK FIELD CRICKET, <i>TELEOGRYLLUS COMMODUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2472.	1.1	4
98	NO EVIDENCE FOR INBREEDING AVOIDANCE THROUGH POSTCOPULATORY MECHANISMS IN THE BLACK FIELD CRICKET, <i>TELEOGRYLLUS COMMODUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2472-2477.	1.1	47
99	Meta-analysis can't reply to Kotiaho and Tomkins. <i>Oikos</i> , 2004, 104, 191-193.	1.2	17
100	High-quality male field crickets invest heavily in sexual display but die young. <i>Nature</i> , 2004, 432, 1024-1027.	13.7	426
101	Optimal maternal investment in the dung beetle <i>Onthophagus taurus</i> ?. <i>Behavioral Ecology and Sociobiology</i> , 2004, 55, 302-312.	0.6	29
102	What is genetic quality?. <i>Trends in Ecology and Evolution</i> , 2004, 19, 329-333.	4.2	388
103	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, 852-859.	1.0	101
104	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, 6828-6832.	3.3	105
105	Behavioural dynamics of biparental care in the dung beetle <i>Onthophagus taurus</i> . <i>Animal Behaviour</i> , 2002, 64, 65-75.	0.8	71
106	Title is missing!. , 2001, 14, 283-297.		22
107	Status-dependent selection in the dimorphic beetle <i>Onthophagus taurus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2409-2414.	1.2	133
108	Title is missing!. <i>Journal of Insect Behavior</i> , 1999, 12, 67-79.	0.4	37

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109	Dung pad residence time covaries with male morphology in the dung beetle <i>Onthophagus taurus</i> . <i>Ecological Entomology</i> , 1999, 24, 174-180.	1.1	29
110	Fluctuating asymmetry, call structure and the risk of attack from phonotactic parasitoids in the bushcricket <i>Sciarasaga quadrata</i> (Orthoptera: Tettigoniidae). <i>Oecologia</i> , 1998, 116, 356-364.	0.9	22
111	Patterns of parental provisioning covary with male morphology in a horned beetle ( <i>Onthophagus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo 0.6 69	0.6	69
112	Patterns of fluctuating asymmetry in beetle horns: no evidence for reliable signaling. <i>Behavioral Ecology</i> , 1998, 9, 465-470.	1.0	35
113	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.	0.6	220