Nina Wedell

List of Publications by Year
in descending order

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144	9,085	41344	45317
papers	citations	49 h-index	90 g-index

206	206	206	5041
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Obituary in memoriam of Professor Matthew J.G. Gage. Animal Behaviour, 2022, 185, iii-iv.	1.9	1
2	Sexual selection on the genital lobes of male Drosophila simulans. Evolution; International Journal of Organic Evolution, 2021, 75, 501-514.	2.3	3
3	Sexual selection: Large sex combs signal male triumph in sperm competition. Current Biology, 2021, 31, R478-R481.	3.9	2
4	The impact of female mating strategies on the success of insect control technologies. Current Opinion in Insect Science, 2021, 45, 75-83.	4.4	7
5	Fifty years of sperm competition: the structure of a scientific revolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20200060.	4.0	21
6	Selfish genetic elements and male fertility. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20200067.	4.0	10
7	Selfish genes and sexual selection: the impact of genomic parasites on host reproduction. Journal of Zoology, 2020, 311, 1-12.	1.7	7
8	Sperm Competition. , 2019, , 498-504.		0
9	Flexible polyandry in female flies is an adaptive response to infertile males. Behavioral Ecology, 2019, 30, 1715-1724.	2.2	28
10	Sexual selection drives the evolution of male wing interference patterns. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182850.	2.6	27
11	No selection for change in polyandry under experimental evolution. Journal of Evolutionary Biology, 2019, 32, 717-730.	1.7	9
12	Wolbachia infection can bias estimates of intralocus sexual conflict. Ecology and Evolution, 2019, 9, 328-338.	1.9	7
13	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.	1.7	11
14	Does mating negatively affect female immune defences in insects?. Animal Biology, 2019, 69, 117-136.	1.0	35
15	Ancient gene drives: an evolutionary paradox. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192267.	2.6	16
16	Gene drive: progress and prospects. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192709.	2.6	31
17	An X-linked meiotic drive allele has strong, recessive fitness costs in femaleDrosophila pseudoobscura. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192038.	2.6	17
18	Penis evolution across species: divergence and diversity. Nature Reviews Urology, 2019, 16, 98-106.	3.8	14

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19	Fluctuating asymmetry, parasitism and reproductive fitness in two species of gammarid crustacean. Diseases of Aquatic Organisms, 2019, 136, 37-49.	1.0	3
20	Podocotyle atomon (Trematoda: Digenea) impacts reproductive behaviour, survival and physiology in Gammarus zaddachi (Amphipoda). Diseases of Aquatic Organisms, 2019, 136, 51-62.	1.0	5
21	Three billion years of research and development. Nature Ecology and Evolution, 2017, 1, 35.	7.8	2
22	Pleiotropic Effects of DDT Resistance on Male Size and Behaviour. Behavior Genetics, 2017, 47, 449-458.	2.1	21
23	Animal personalities: an empty placeholder feigning understanding: a comment on Beekman and Jordan. Behavioral Ecology, 2017, 28, 629-630.	2.2	5
24	EB Ford revisited: assessing the long-term stability of wing-spot patterns and population genetic structure of the meadow brown butterfly on the Isles of Scilly. Heredity, 2017, 118, 322-329.	2.6	5
25	Winter is coming: hibernation reverses the outcome of sperm competition in a fly. Journal of Evolutionary Biology, 2016, 29, 371-379.	1.7	10
26	Experimental evolution under hyper-promiscuity in Drosophila melanogaster. BMC Evolutionary Biology, 2016, 16, 131.	3.2	16
27	Intralocus sexual conflict and insecticide resistance. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161429.	2.6	15
28	The Ecology and Evolutionary Dynamics of Meiotic Drive. Trends in Ecology and Evolution, 2016, 31, 315-326.	8.7	305
29	Variation in male fertility in a polymorphic moth, Parasemia plantaginis. Animal Behaviour, 2016, 111, 33-40.	1.9	8
30	Temperature can shape a cline in polyandry, but only genetic variation can sustain it over time. Behavioral Ecology, 2016, 27, 462-469.	2.2	8
31	Opposite environmental and genetic influences on body size in North American Drosophila pseudoobscura. BMC Evolutionary Biology, 2015, 15, 51.	3.2	11
32	Coevolutionary dynamics of polyandry and sex-linked meiotic drive. Evolution; International Journal of Organic Evolution, 2015, 69, 709-720.	2.3	33
33	Sexual conflict maintains variation at an insecticide resistance locus. BMC Biology, 2015, 13, 34.	3.8	33
34	Selfish Genetic Elements and Sexual Selection. History, Philosophy and Theory of the Life Sciences, 2015, , 165-190.	0.4	3
35	The impact of <scp>W</scp>olbachia, male age and mating history on cytoplasmic incompatibility and sperm transfer in <scp>D</scp>rosophila simulans. Journal of Evolutionary Biology, 2014, 27, 1-10.	1.7	35
36	Does polyandry control population sex ratio via regulation of a selfish gene?. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133259.	2.6	42

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37	The Evolution of Sex Ratio Distorter Suppression Affects a 25 cM Genomic Region in the Butterfly Hypolimnas bolina. PLoS Genetics, 2014, 10, e1004822.	3.5	27
38	Can patterns of chromosome inversions in Drosophila pseudoobscura predict polyandry across a geographical cline?. Ecology and Evolution, 2014, 4, 3072-3081.	1.9	7
39	Perceived risk of sperm competition affects sperm investment in a mate-guarding amphipod. Animal Behaviour, 2014, 87, 231-238.	1.9	5
40	Polyandry in nature: a global analysis. Trends in Ecology and Evolution, 2014, 29, 376-383.	8.7	198
41	Inbreeding alters intersexual fitness correlations in Drosophila simulans .. Ecology and Evolution, 2014, 4, 3330-3338.	1.9	12
42	Conflict on the Sex Chromosomes: Cause, Effect, and Complexity. Cold Spring Harbor Perspectives in Biology, 2014, 6, a017715-a017715.	5.5	49
43	The impact of predation risk and of parasitic infection on parental care in brooding crustaceans. Animal Behaviour, 2014, 96, 97-105.	1.9	12
44	The dynamic relationship between polyandry and selfish genetic elements. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120049.	4.0	55
45	The polyandry revolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120041.	4.0	107
46	The interplay between different stages of reproduction in males of the moth Plodia interpunctella. Animal Behaviour, 2013, 86, 917-922.	1.9	19
47	Polyandry and sex-specific gene expression. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120047.	4.0	31
48	Experimental evolution reveals trade-offs between mating and immunity. Biology Letters, 2013, 9, 20130262.	2.3	33
49	Sexual and Natural Selection Both Influence Male Genital Evolution. PLoS ONE, 2013, 8, e63807.	2.5	58
50	Incomplete Sex Chromosome Dosage Compensation in the Indian Meal Moth, Plodia interpunctella, Based on De Novo Transcriptome Assembly. Genome Biology and Evolution, 2012, 4, 1118-1126.	2.5	64
51	The consequences of genetic variation in sex peptide expression levels for egg laying and retention in females. Heredity, 2012, 109, 222-225.	2.6	16
52	Transposable Elements and Insecticide Resistance. Advances in Genetics, 2012, 78, 169-201.	1.8	31
53	No evidence of mate discrimination against males carrying a sex ratio distorter in Drosophila pseudoobscura. Behavioral Ecology and Sociobiology, 2012, 66, 561-568.	1.4	23
54	No evidence that temperature-related fertility differences influence the distribution of a selfish genetic element. Functional Ecology, 2012, 26, 657-665.	3.6	14

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55	DDT resistance, epistasis and male fitness in flies. Journal of Evolutionary Biology, 2011, 24, 1351-1362.	1.7	35
56	EVIDENCE FOR STRONG INTRALOCUS SEXUAL CONFLICT IN THE INDIAN MEAL MOTH, PLODIA INTERPUNCTELLA. Evolution; International Journal of Organic Evolution, 2011, 65, 2085-2097.	2.3	114
57	Remating in the laboratory reflects rates of polyandry in the wild. Animal Behaviour, 2011, 82, 1381-1386.	1.9	24
58	Wolbachiainfection lowers fertile sperm transfer in a moth. Biology Letters, 2011, 7, 187-189.	2.3	30
59	Variation in male courtship costs in butterflies. Behavioral Ecology and Sociobiology, 2010, 64, 1385-1391.	1.4	28
60	Attractive males do not sire superior daughters. Evolutionary Ecology, 2010, 24, 195-205.	1.2	19
61	Level of sperm competition promotes evolution of male ejaculate allocation patterns in a moth. Animal Behaviour, 2010, 80, 37-43.	1.9	35
62	Polyandry Prevents Extinction. Current Biology, 2010, 20, 471-475.	3.9	64
63	Genotypeâ€byâ€environment interactions for female preference. Journal of Evolutionary Biology, 2010, 23, 2550-2557.	1.7	51
64	Speed or sperm: A potential trade-off between development and reproduction in the butterfly, Bicyclus anynana (Lepidoptera: Nymphalidae). European Journal of Entomology, 2010, 107, 55-59.	1.2	7
65	Coevolution of non-fertile sperm and female receptivity in a butterfly. Biology Letters, 2009, 5, 678-681.	2.3	23
66	Rapidly Shifting Sex Ratio across a Species Range. Current Biology, 2009, 19, 1628-1631.	3.9	34
67	Male moths reduce sperm investment in relatives. Animal Behaviour, 2009, 77, 1547-1550.	1.9	23
68	Interactions between the sexes: new perspectives on sexual selection and reproductive isolation. Evolutionary Ecology, 2009, 23, 71-91.	1.2	21
69	Correlated responses to selection on female egg size in male reproductive traits in a butterfly. Evolutionary Ecology, 2009, 23, 389-402.	1.2	6
70	Sperm dumping as a defense against meiotic drive. Journal of Biology, 2009, 8, 6.	2.7	5
71	SEX RATIO DRIVE PROMOTES SEXUAL CONFLICT AND SEXUAL COEVOLUTION IN THE FLYDROSOPHILA PSEUDOOBSCURA. Evolution; International Journal of Organic Evolution, 2009, 64, 1504-9.	2.3	15
72	Phenotypic and genetic variation in male genitalia in the seedbug, Lygaeus equestris (Heteroptera). Biological Journal of the Linnean Society, 2009, 98, 400-405.	1.6	19

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73	Everything you always wanted to know about sperm (but were afraid to ask). Trends in Ecology and Evolution, 2009, 24, 648-648.	8.7	0
74	Monogamy and the Battle of the Sexes. Annual Review of Entomology, 2009, 54, 361-378.	11.8	117
75	Variation in sex peptide expression inD. melanogaster. Genetical Research, 2009, 91, 237-242.	0.9	26
76	DO WOLBACHIA-ASSOCIATED INCOMPATIBILITIES PROMOTE POLYANDRY?. Evolution; International Journal of Organic Evolution, 2008, 62, 107-122.	2.3	28
77	Selfish genetic elements and sexual selection: their impact on male fertility. Genetica, 2008, 132, 295-307.	1.1	51
78	Selfish genetic elements and sexual selection: their impact on male fertility. Genetica, 2008, 134, 99-111.	1.1	55
79	Sperm competition, immunity, selfish genes and cancer. Cellular and Molecular Life Sciences, 2008, 65, 3241-3254.	5.4	15
80	Sexual selection and female fitness in Drosophila simulans. Behavioral Ecology and Sociobiology, 2008, 62, 721-728.	1.4	44
81	Female remating in butterflies: interaction between female genotype and nonfertile sperm. Journal of Evolutionary Biology, 2008, 14, 746-754.	1.7	50
82	SEX RATIO DISTORTER REDUCES SPERM COMPETITIVE ABILITY IN AN INSECT. Evolution; International Journal of Organic Evolution, 2008, 62, 1644-1652.	2.3	63
83	Nuptial gifts fail to resolve a sexual conflict in an insect. BMC Evolutionary Biology, 2008, 8, 204.	3.2	19
84	Age-based female preference in the fruit fly Drosophila pseudoobscura. Animal Behaviour, 2008, 75, 1413-1421.	1.9	64
85	Multiple mating increases female fitness in Drosophila simulans. Animal Behaviour, 2008, 76, 963-970.	1.9	68
86	Attractive males have greater success in sperm competition. Current Biology, 2008, 18, R553-R554.	3.9	103
87	Selfish Genetic Elements Promote Polyandry in a Fly. Science, 2008, 322, 1241-1243.	12.6	105
88	The impact of anaesthetic technique on survival and fertility in Drosophila. Physiological Entomology, 2008, 33, 310-315.	1.5	23
89	Extraordinary Flux in Sex Ratio. Science, 2007, 317, 214-214.	12.6	130
90	Male-Killing Bacteria Trigger a Cycle of Increasing Male Fatigue and Female Promiscuity. Current Biology, 2007, 17, 273-277.	3.9	94

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91	The heritability of attractiveness. Current Biology, 2007, 17, R959-R960.	3.9	80
92	Mate preferences in Drosophila infected with Wolbachia?. Behavioral Ecology and Sociobiology, 2007, 61, 1229-1235.	1.4	39
93	Effect of Adult Feeding on Male Mating Behaviour in the Butterfly, Bicyclus anynana (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	0.7	38
94	Sperm competition and ejaculate evolution. Society of Reproduction and Fertility Supplement, 2007, 65, 115-35.	0.2	0
95	Strategic sperm allocation under parasitic sex-ratio distortion. Biology Letters, 2006, 2, 78-80.	2.3	35
96	Evolution of Male-Killer Suppression in a Natural Population. PLoS Biology, 2006, 4, e283.	5.6	181
97	MALE GENOTYPE AFFECTS FEMALE FITNESS IN A PATERNALLY INVESTING SPECIES. Evolution; International Journal of Organic Evolution, 2006, 60, 1638-1645.	2.3	14
98	Increased male mating rate in Drosophila is associated with Wolbachia infection. Journal of Evolutionary Biology, 2006, 19, 1964-1972.	1.7	89
99	Postcopulatory inbreeding avoidance by female crickets only revealed by molecular markers. Molecular Ecology, 2006, 15, 3817-3824.	3.9	80
100	Sexual conflict and life histories. Animal Behaviour, 2006, 71, 999-1011.	1.9	112
101	Variation in the cost to females of the sexual conflict over mating in the seed bug, Lygaeus equestris. Animal Behaviour, 2006, 72, 313-321.	1.9	37
102	Female preference for male courtship song and its role as a signal of immune function and condition. Animal Behaviour, 2006, 72, 809-818.	1.9	80
103	Competing Selfish Genetic Elements in the Butterfly Hypolimnas bolina. Current Biology, 2006, 16, 2453-2458.	3.9	34
104	Introduction. Sexual conflict: a new paradigm?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2006, 361, 229-234.	4.0	94
105	Wolbachiainfection reduces sperm competitive ability in an insect. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1455-1458.	2.6	88
106	Male genotype affects female fitness in a paternally investing species. Evolution; International Journal of Organic Evolution, 2006, 60, 1638-45.	2.3	4
107	Can cytoplasmic incompatibility inducing Wolbachia promote the evolution of mate preferences?. Journal of Evolutionary Biology, 2005, 18, 967-977.	1.7	23
108	Evolutionary Conflict: Sperm Wars, Phantom Inseminations. Current Biology, 2005, 15, R801-R803.	3.9	11

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109	Female receptivity in butterflies and moths. Journal of Experimental Biology, 2005, 208, 3433-3440.	1.7	134
110	ECOLOGY AND EVOLUTION: Learning from Lepidoptera. Science, 2004, 303, 174-174.	12.6	0
111	Male age, mating status and nuptial gift quality in a bushcricket. Animal Behaviour, 2004, 67, 1059-1065.	1.9	103
112	Paternal investment directly affects female reproductive effort in an insect. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 2065-2071.	2.6	61
113	Superior sperm competitors sire higherâ€“quality young. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1933-1938.	2.6	117
114	Monandry and polyandry as alternative lifestyles in a butterfly. Behavioral Ecology, 2002, 13, 450-455.	2.2	87
115	Sperm competition, male prudence and sperm-limited females. Trends in Ecology and Evolution, 2002, 17, 313-320.	8.7	1,029
116	Measuring the sperm competition successes of field males of the yellow dung fly. Ecological Entomology, 2002, 27, 763-765.	2.2	1
117	Oviposition tests of ant preference in a myrmecophilous butterfly. Journal of Evolutionary Biology, 2002, 15, 861-870.	1.7	26
118	Polyandrous females avoid costs of inbreeding. Nature, 2002, 415, 71-73.	27.8	456
119	Genetic compatibility, mate choice and patterns of parentage: Invited Review. Molecular Ecology, 2000, 9, 1013-1027.	3.9	810
120	Sexual conflict and speciation. Nature, 2000, 407, 149-150.	27.8	19
121	Butterflies tailor their ejaculate in response to sperm competition risk and intensity. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 1033-1039.	2.6	176
122	Strategic sperm allocation in the Small White butterfly Pieris rapae (Lepidoptera: Pieridae). Functional Ecology, 1999, 13, 85-93.	3.6	61
123	Non-fertile sperm delay female remating. Nature, 1999, 397, 486-486.	27.8	187
124	SUCCESSFUL FATHERS SIRE SUCCESSFUL SONS. Evolution; International Journal of Organic Evolution, 1999, 53, 620-625.	2.3	86
125	Determinants of paternity in a butterfly. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 625-630.	2.6	65
126	Sperm protection and mate assessment in the bushcricketCoptaspissp. 2. Animal Behaviour, 1998, 56, 357-363.	1.9	46

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127	Decoupling of reproductive rates and parental expenditure in a polyandrous butterfly. Behavioral Ecology, 1998, 9, 20-25.	2.2	64
128	Benefits of Multiple Mates in the Cricket Gryllus bimaculatus. Evolution; International Journal of Organic Evolution, 1998, 52, 1726.	2.3	134
129	BENEFITS OF MULTIPLE MATES IN THE CRICKETGRYLLUS BIMACULATUS. Evolution; International Journal of Organic Evolution, 1998, 52, 1726-1730.	2.3	171
130	Natural selection bias?. Nature, 1997, 386, 234-234.	27.8	20
131	Definitive evidence for cuticular pheromones in a cricket. Animal Behaviour, 1997, 54, 979-984.	1.9	186
132	Ejaculate size in bushcrickets: the importance of being large. Journal of Evolutionary Biology, 1997, 10, 315-325.	1.7	37
133	Ejaculate size in bushcrickets: the importance of being large. Journal of Evolutionary Biology, 1997, 10, 315.	1.7	39
134	Mate Quality Affects Reproductive Effort in a Paternally Investing Species. American Naturalist, 1996, 148, 1075-1088.	2.1	104
135	Oviposition plant preference and offspring performance in the comma butterfly: correlations and conflicts. Entomologia Experimentalis Et Applicata, 1996, 80, 141-144.	1.4	39
136	Female preference for large males in the bushcricketRequena sp. 5 (Orthoptera: Tettigoniidae). Journal of Insect Behavior, 1995, 8, 513-522.	0.7	18
137	Variation in nuptial gift quality in bush crickets (Orthoptera: Tettigoniidae). Behavioral Ecology, 1994, 5, 418-425.	2.2	60
138	Host plant utilization in the comma butterfly: sources of variation and evolutionary implications. Oecologia, 1994, 99, 132-140.	2.0	81
139	Mating effort or paternal investment? Incorporation rate and cost of male donations in the wartbiter. Behavioral Ecology and Sociobiology, 1993, 32, 239.	1.4	58
140	SPERMATOPHORE SIZE IN BUSHCRICKETS: COMPARATIVE EVIDENCE FOR NUPTIAL GIFTS AS A SPERM PROTECTION DEVICE. Evolution; International Journal of Organic Evolution, 1993, 47, 1203-1212.	2.3	73
141	Protandry and mate assessment in the wartbiter Decticus verrucivorus (Orthoptera : Tettigoniidae). Behavioral Ecology and Sociobiology, 1992, 31, 301.	1.4	100
142	SPERM COMPETITION SELECTS FOR NUPTIAL FEEDING IN A BUSHCRICKET. Evolution; International Journal of Organic Evolution, 1991, 45, 1975-1978.	2.3	60
143	Sperm Competition Selects for Nuptial Feeding in a Bushcricket. Evolution; International Journal of Organic Evolution, 1991, 45, 1975.	2.3	37
144	The wartbiter spermatophore and its effect on female reproductive output (Orthoptera: Tettigoniidae,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	119