Gerald S Wilkinson

List of Publications by Year
in descending order

133	9,368	41344	46799
papers	citations	49 h-index	89 g-index

139	139	139	6307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reciprocal food sharing in the vampire bat. Nature, 1984, 308, 181-184.	27.8	868
2	Life history, ecology and longevity in bats. Aging Cell, 2002, 1, 124-131.	6.7	340
3	The Ecology and Evolutionary Dynamics of Meiotic Drive. Trends in Ecology and Evolution, 2016, 31, 315-326.	8.7	305
4	Cancer across the tree of life: cooperation and cheating in multicellularity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140219.	4.0	303
5	Female choice response to artificial selection on an exaggerated male trait in a stalk-eyed fly. Proceedings of the Royal Society B: Biological Sciences, 1994, 255, 1-6.	2.6	247
6	Food sharing in vampire bats: reciprocal help predicts donations more than relatedness or harassment. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122573.	2.6	244
7	Social calls coordinate foraging in greater spear-nosed bats. Animal Behaviour, 1998, 55, 337-350.	1.9	238
8	Information transfer at evening bat colonies. Animal Behaviour, 1992, 44, 501-518.	1.9	221
9	Male eye span in stalk-eyed flies indicates genetic quality by meiotic drive suppression. Nature, 1998, 391, 276-279.	27.8	205
10	Greater spear-nosed bats discriminate group mates by vocalizations. Animal Behaviour, 1998, 55, 1717-1732.	1.9	194
11	Bat Mating Systems. , 2000, , 321-362.		182
12	Bats and birds: Exceptional longevity despite high metabolic rates. Ageing Research Reviews, 2010, 9, 12-19.	10.9	174
13	Artificial sexual selection alters allometry in the stalk-eyed flyCyrtodiopsis dalmanni(Diptera:) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	169
14	Coevolution of sperm and female reproductive tract morphology in stalkâ€“eyed flies. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 1041-1047.	2.6	159
15	PHYLOGENETIC ANALYSIS OF SEXUAL DIMORPHISM AND EYE-SPAN ALLOMETRY IN STALK-EYED FLIES (DIOPSIDAE). Evolution; International Journal of Organic Evolution, 2001, 55, 1373-1385.	2.3	156
16	Mating system and brain size in bats. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 719-724.	2.6	151
17	Social grooming in the common vampire bat, Desmodus rotundus. Animal Behaviour, 1986, 34, 1880-1889.	1.9	147
18	Reciprocal altruism in bats and other mammals. Ethology and Sociobiology, 1988, 9, 85-100.	1.5	147

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19	Food Sharing in Vampire Bats. Scientific American, 1990, 262, 76-82.	1.0	146
20	Phylogenetic Utility of Different Types of Molecular Data Used to Infer Evolutionary Relationships among Stalk-Eyed Flies (Diopsidae). Systematic Biology, 2001, 50, 87-105.	5.6	136
21	Exaggerated male eye span influences contest outcome in stalk-eyed flies (Diopsidae). Behavioral Ecology and Sociobiology, 1999, 46, 221-227.	1.4	132
22	The long and short of sperm polymorphisms in insects. Biological Reviews, 2002, 77, 153-182.	10.4	125
23	Evolution of Repeated Sequence Arrays in the D-Loop Region of Bat Mitochondrial DNA. Genetics, 1997, 146, 1035-1048.	2.9	119
24	Population genetic structure and vocal dialects in an amazon parrot. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 609-616.	2.6	118
25	EQUILIBRIUM ANALYSIS OF SEXUAL SELECTION IN DROSOPHILA MELANOGASTER. Evolution; International Journal of Organic Evolution, 1987, 41, 11-21.	2.3	116
26	Evolution of female mating preferences in stalk-eyed flies. Behavioral Ecology, 1998, 9, 525-533.	2.2	114
27	Evening bat isolation calls provide evidence for heritable signatures. Animal Behaviour, 1993, 46, 847-860.	1.9	113
28	Function and evolution of antlers and eye stalks in flies. , 1997, , 310-328.		112
29	Resource Ephemerality Drives Social Foraging in Bats. Current Biology, 2018, 28, 3667-3673.e5.	3.9	104
30	Function of male song in the greater white-lined bat, Saccopteryx bilineata. Animal Behaviour, 2004, 67, 883-891.	1.9	100
31	Recurrent evolution of extreme longevity in bats. Biology Letters, 2019, 15, 20180860.	2.3	97
32	Understanding cooperation through fitness interdependence. Nature Human Behaviour, 2018, 2, 429-431.	12.0	86
33	RESISTANCE OF GENETIC CORRELATION STRUCTURE TO DIRECTIONAL SELECTION INDROSOPHILA MELANOGASTER. Evolution; International Journal of Organic Evolution, 1990, 44, 1990-2003.	2.3	84
34	CHANGES IN GENETIC VARIANCES AND COVARIANCES: G WHIZ!. Evolution; International Journal of Organic Evolution, 1995, 49, 1260-1267.	2.3	81
35	Evolution of genetic variation for condition-dependent traits in stalk-eyed flies. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 1685-1690.	2.6	81
36	DNA methylation predicts age and provides insight into exceptional longevity of bats. Nature Communications, 2021, 12, 1615.	12.8	80

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37	Discrimination of infant isolation calls by female greater spear-nosed bats, Phyllostomus hastatus. Animal Behaviour, 2007, 73, 423-432.	1.9	78
38	Communal Nesting among Genetically Similar House Mice. Ethology, 1988, 77, 103-114.	1.1	78
39	Individual specific contact calls of pallid bats (Antrozous pallidus) attract conspecifics at roosting sites. Behavioral Ecology and Sociobiology, 2011, 65, 1581-1593.	1.4	77
40	Male dominance, paternity, and relatedness in the Jamaican fruitâ€eating bat (Artibeus jamaicensis). Molecular Ecology, 2003, 12, 2409-2415.	3.9	74
41	Non-kin cooperation in bats. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150095.	4.0	72
42	12. Social and Vocal Complexity in Bats. , 2003, , 322-341.		70
43	The locus of sexual selection: moving sexual selection studies into the postâ€genomics era. Journal of Evolutionary Biology, 2015, 28, 739-755.	1.7	69
44	Social benefits of non-kin food sharing by female vampire bats. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20152524.	2.6	69
45	Changes in Genetic Variances and Covariances: G Whiz!. Evolution; International Journal of Organic Evolution, 1995, 49, 1260.	2.3	68
46	Models of sex-ratio meiotic drive and sexual selection in stalk-eyed flies. Genetical Research, 1999, 74, 245-253.	0.9	68
47	SPERM SURVIVAL IN FEMALE STALK-EYED FLIES DEPENDS ON SEMINAL FLUID AND MEIOTIC DRIVE. Evolution; International Journal of Organic Evolution, 2004, 58, 1622-1626.	2.3	65
48	GEOGRAPHIC AND INDIVIDUAL VARIATION IN VOCALIZATIONS BY MALE SACCOPTERYX BILINEATA (CHIROPTERA: EMBALLONURIDAE). Journal of Mammalogy, 2002, 83, 526-535.	1.3	63
49	Social Calls Predict Foraging Success in Big Brown Bats. Current Biology, 2014, 24, 885-889.	3.9	62
50	Meiotic drive alters sperm competitive ability in stalk-eyed flies. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 2559-2564.	2.6	61
51	Intranasal oxytocin increases social grooming and food sharing in the common vampire bat Desmodus rotundus. Hormones and Behavior, 2015, 75, 150-153.	2.1	57
52	Insect noise avoidance in the dawn chorus of Neotropical birds. Animal Behaviour, 2016, 112, 255-265.	1.9	56
53	Genetic linkage between a sexually selected trait and X chromosome meiotic drive. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 2097-2103.	2.6	50
54	Kinship, association, and social complexity in bats. Behavioral Ecology and Sociobiology, 2019, 73, 1.	1.4	49

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55	Phylogeography of sex ratio and multiple mating in stalk-eyed flies from southeast Asia. Genetica, 2003, 117, 37-46.	1.1	48
56	Fitness effects of X chromosome drive in the stalk-eyed fly, Cyrtodiopsis dalmanni. Journal of Evolutionary Biology, 2006, 19, 1851-1860.	1.7	48
57	Social bet-hedging in vampire bats. Biology Letters, 2017, 13, 20170112.	2.3	45
58	Migration and evolution of lesser long-nosed bats Leptonycteris curasoae, inferred from mitochondrial DNA. Molecular Ecology, 1996, 5, 329-339.	3.9	45
59	PHYLOGENETIC ANALYSIS OF CORRELATION STRUCTURE IN STALK-EYED FLIES (DIASEMOPSIS, DIOPSIDAE). Evolution; International Journal of Organic Evolution, 2003, 57, 87-103.	2.3	44
60	Common vampire bat contact calls attract past food-sharing partners. Animal Behaviour, 2016, 116, 45-51.	1.9	44
61	Cancer susceptibility and reproductive trade-offs: a model of the evolution of cancer defences. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140220.	4.0	43
62	Resistance of Genetic Correlation Structure to Directional Selection in Drosophila melanogaster. Evolution; International Journal of Organic Evolution, 1990, 44, 1990.	2.3	42
63	Comparative Genomic Hybridization (CGH) Reveals a Neo-X Chromosome and Biased Gene Movement in Stalk-Eyed Flies (Genus Teleopsis). PLoS Genetics, 2010, 6, e1001121.	3.5	40
64	Sperm development, age and sex chromosome meiotic drive in the stalk-eyed fly, Cyrtodiopsis whitei. Heredity, 2001, 87, 17-24.	2.6	38
65	Birth synchrony in greater spear-nosed bats (Phyllostomus hastatus). Journal of Zoology, 2001, 253, 383-390.	1.7	38
66	Social learning of a novel foraging task by big brown bats, Eptesicus fuscus. Animal Behaviour, 2011, 82, 1075-1083.	1.9	38
67	Microsatellite variation among divergent populations of stalk-eyed flies, genus Cyrtodiopsis. Genetical Research, 2004, 84, 27-40.	0.9	37
68	Behaviour, biology and evolution of vocal learning in bats. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190061.	4.0	37
69	Sexâ€specific aging in animals: Perspective and future directions. Aging Cell, 2022, 21, e13542.	6.7	36
70	SEX-LINKED EXPRESSION OF A SEXUALLY SELECTED TRAIT IN THE STALK-EYED FLY, CYRTODIOPSIS DALMANNI. Evolution; International Journal of Organic Evolution, 2001, 55, 103-110.	2.3	35
71	Correlated evolution between hearing sensitivity and social calls in bats. Biology Letters, 2006, 2, 561-564.	2.3	35
72	Diet Influences Life Span in Parrots (Psittaciformes). Auk, 2006, 123, 108-118.	1.4	35

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73	Does food sharing in vampire bats demonstrate reciprocity?. Communicative and Integrative Biology, 2013, 6, e25783.	1.4	35
74	Social calls of flying big brown bats (Eptesicus fuscus). Frontiers in Physiology, 2013, 4, 214.	2.8	34
75	Equilibrium Analysis of Sexual Selection in Drosophila melanogaster. Evolution; International Journal of Organic Evolution, 1987, 41, 11.	2.3	33
76	RAPID EVOLUTION OF POSTZYGOTIC REPRODUCIVE ISOLATION IN STALK-EYED FLIES. Evolution; International Journal of Organic Evolution, 2005, 59, 849-857.	2.3	32
77	Pup guarding by greater spear-nosed bats. Behavioral Ecology and Sociobiology, 2009, 63, 1693-1703.	1.4	32
78	Meiotic Drive Impacts Expression and Evolution of X-Linked Genes in Stalk-Eyed Flies. PLoS Genetics, 2014, 10, e1004362.	3.5	32
79	RAPID EVOLUTION OF POSTZYGOTIC REPRODUCTIVE ISOLATION IN STALK-EYED FLIES. Evolution; International Journal of Organic Evolution, 2005, 59, 849.	2.3	31
80	Compensation for exaggerated eye stalks in stalk-eyed flies (Diopsidae). Functional Ecology, 2011, 25, 608-616.	3.6	31
81	Genetic divergence does not predict change in ornament expression among populations of stalk-eyed flies. Molecular Ecology, 2005, 14, 3787-3800.	3.9	30
82	ON ESTIMATING RELATEDNESS USING GENETIC MARKERS. Evolution; International Journal of Organic Evolution, 1985, 39, 1169-1174.	2.3	29
83	Distribution and reproductive effectsof Wolbachia in stalk-eyed flies (Diptera: Diopsidae). Heredity, 1998, 81, 254-260.	2.6	29
84	Wing shape, wing size, and sexual dimorphism in eye-span in stalk-eyed flies (Diopsidae). Biological Journal of the Linnean Society, 0, 98, 860-871.	1.6	29
85	Gene duplication, tissue-specific gene expression and sexual conflict in stalk-eyed flies (Diopsidae). Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2357-2375.	4.0	29
86	DIET INFLUENCES LIFE SPAN IN PARROTS (PSITTACIFORMES). Auk, 2006, 123, 108.	1.4	27
87	Auditory sensitivity and frequency selectivity in greater spear-nosed bats suggest specializations for acoustic communication. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2004, 190, 185-192.	1.6	25
88	Characterization of microsatellite loci in the Jamaican fruit-eating bat Artibeus jamaicensis and cross-species amplification. Molecular Ecology Notes, 2002, 2, 462-464.	1.7	24
89	Acoustic evaluation of behavioral states predicted from GPS tracking: a case study of a marine fishing bat. Movement Ecology, 2019, 7, 21.	2.8	24
90	Sex-linked Correlated Responses in Female Reproductive Traits to Selection on Male Eye Span in Stalk-eyed Flies. Integrative and Comparative Biology, 2005, 45, 500-510.	2.0	23

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91	Genomic analysis of a sexually-selected character: EST sequencing and microarray analysis of eye-antennal imaginal discs in the stalk-eyed fly Teleopsis dalmanni (Diopsidae). BMC Genomics, 2009, 10, 361.	2.8	20
92	PHYLOGENETIC ANALYSIS OF SEXUAL DIMORPHISM AND EYE-SPAN ALLOMETRY IN STALK-EYED FLIES (DIOPSIDAE). Evolution; International Journal of Organic Evolution, 2001, 55, 1373.	2.3	19
93	RAPID EVOLUTION OF ASYMMETRIC REPRODUCTIVE INCOMPATIBILITIES IN STALKâ€EYED FLIES. Evolution; International Journal of Organic Evolution, 2014, 68, 384-396.	2.3	19
94	Swallowing ornamental asymmetry. Nature, 1992, 359, 487-488.	27.8	18
95	Contrasting patterns of Xâ€chromosome divergence underlie multiple sexâ€ratio polymorphisms in stalkâ€eyed flies. Journal of Evolutionary Biology, 2017, 30, 1772-1784.	1.7	18
96	What can animal communication teach us about human language?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190042.	4.0	18
97	Conditions Enabling the Evolution of Inter-Agent Signaling in an Artificial World. Artificial Life, 2001, 7, 3-32.	1.3	17
98	Sex-Biased Gene Expression during Head Development in a Sexually Dimorphic Stalk-Eyed Fly. PLoS ONE, 2013, 8, e59826.	2.5	17
99	The Enhancer of split complex arose prior to the diversification of schizophoran flies and is strongly conserved between Drosophila and stalk-eyed flies (Diopsidae). BMC Evolutionary Biology, 2011, 11, 354.	3.2	16
100	X chromosome influences sperm length in the stalk-eyed fly Cyrtodiopsis dalmanni. Heredity, 2007, 99, 56-61.	2.6	15
101	Rapid evolution of postzygotic reproductive isolation in stalk-eyed flies. Evolution; International Journal of Organic Evolution, 2005, 59, 849-57.	2.3	15
102	Length polymorphism and head shape association among genes with polyglutamine repeats in the stalk-eyed fly, Teleopsis dalmanni. BMC Evolutionary Biology, 2010, 10, 227.	3.2	14
103	Reduced Polymorphism Associated with X Chromosome Meiotic Drive in the Stalk-Eyed Fly Teleopsis dalmanni. PLoS ONE, 2011, 6, e27254.	2.5	13
104	Female natal philopatry and gene flow between divergent clades of pallid bats (Antrozous pallidus). Journal of Mammalogy, 2015, 96, 531-540.	1.3	13
105	Male Scent Gland Signals Mating Status in Greater Spear-Nosed Bats, Phyllostomus hastatus. Journal of Chemical Ecology, 2018, 44, 975-986.	1.8	13
106	Space Use by a Neotropical Water Strider (Hemiptera: Gerridae): Sex and Age-Class Difference. Biotropica, 1985, 17, 165.	1.6	12
107	Cooperation and Conflict in the Social Lives of Bats. , 2013, , 225-242.		12
108	Food-sharing vampire bats are more nepotistic under conditions of perceived risk. Behavioral Ecology, 2017, 28, 565-569.	2.2	12

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109	EQUIPMENT REVIEWS. Bioacoustics, 1994, 5, 227-238.	1.7	11
110	Haldaneâ€™s Rule Is Linked to Extraordinary Sex Ratios and Sperm Length in Stalk-Eyed Flies. Genetics, 2014, 198, 1167-1181.	2.9	11
111	Effects of ornamentation and phylogeny on the evolution of wing shape in stalkâ€eyed flies (Diopsidae). Journal of Evolutionary Biology, 2013, 26, 1281-1293.	1.7	10
112	Spermatogenesis Drives Rapid Gene Creation and Masculinization of the X Chromosome in Stalk-Eyed Flies (Diopsidae). Genome Biology and Evolution, 2016, 8, 896-914.	2.5	9
113	Individual Cryptic Scaling Relationships and the Evolution of Animal Form. Integrative and Comparative Biology, 2019, 59, 1411-1428.	2.0	9
114	Sexual dimorphism in wing beat frequency in relation to eye span in stalk-eyed flies (Diopsidae). Biological Journal of the Linnean Society, 2011, 104, 670-679.	1.6	8
115	Dynamic sex-specific responses to synthetic songs in a duetting suboscine passerine. PLoS ONE, 2018, 13, e0202353.	2.5	8
116	On Estimating Relatedness Using Genetic Markers. Evolution; International Journal of Organic Evolution, 1985, 39, 1169.	2.3	7
117	PHYLOGENETIC ANALYSIS OF CORRELATION STRUCTURE IN STALK-EYED FLIES (DIASEMOPSIS, DIOPSIDAE). Evolution; International Journal of Organic Evolution, 2003, 57, 87.	2.3	7
118	SPERM SURVIVAL IN FEMALE STALK-EYED FLIES DEPENDS ON SEMINAL FLUID AND MEIOTIC DRIVE. Evolution; International Journal of Organic Evolution, 2004, 58, 1622.	2.3	7
119	SEX-LINKED EXPRESSION OF A SEXUALLY SELECTED TRAIT IN THE STALK-EYED FLY, CYRTODIOPSIS DALMANNI. Evolution; International Journal of Organic Evolution, 2001, 55, 103.	2.3	6
120	Big brown bats (Eptesicus fuscus) reveal diverse strategies for sonar target tracking in clutter. Journal of the Acoustical Society of America, 2016, 140, 1839-1849.	1.1	6
121	Isolation and characterization of polymorphic microsatellite loci in Bornean treeshrews (Tupaia) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	5
122	Social behaviour and speciation. , 0, , 491-515.		5
123	Social facilitation in short-tailed fruit bats, Carollia perspicillata (Linnaeus). Behaviour, 2020, 157, 1193-1210.	0.8	5
124	5. Genetic Consequences of Sexual Selection in Stalk-Eyed Flies. , 2002, , 72-91.		4
125	Age-dependent gene expression in the inner ear of big brown bats (Eptesicus fuscus). PLoS ONE, 2017, 12, e0186667.	2.5	3
126	Perinatal mortality and sex ratios in Hawaii. Ethology and Sociobiology, 1989, 10, 435-447.	1.5	2

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127	A reply to Elias Khalilâ€™s â€œWhat is altruism?â€• Journal of Economic Psychology, 2004, 25, 125-127.	2.2	2
128	Vampire bats. Current Biology, 2019, 29, R1216-R1217.	3.9	2
129	Wing size, wing shape and sexual dimorphism in eye-span in stalk-eyed flies (Diopsidae). Biological Journal of the Linnean Society, 2011, 102, 236-236.	1.6	1
130	Comment on â€œFemale toads engaging in adaptive hybridization prefer high-quality heterospecifics as matesâ€• Science, 2020, 370, .	12.6	1
131	Male condition and group heterogeneity predict extra-group paternity in a Neotropical bat. Behavioral Ecology and Sociobiology, 2020, 74, 1.	1.4	1
132	Distribution and reproductive effectsof Wolbachia in stalk-eyed flies(Diptera: Diopsidae). Heredity, 1998, 81, 254-260.	2.6	1
133	Genetic Consequences of Sexual Selection in Stalk-Eyed Flies. , 2019, , 72-91.		0