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	Sexâ€specific aging in animals: Perspective and future directions. Aging Cell, 2022, 21, e13542.	6.7	36
2	DNA methylation predicts age and provides insight into exceptional longevity of bats. Nature Communications, 2021, 12, 1615.	12.8	80
3	Behaviour, biology and evolution of vocal learning in bats. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190061.	4.0	37
4	What can animal communication teach us about human language?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190042.	4.0	18
5	Social facilitation in short-tailed fruit bats, Carollia perspicillata (Linnaeus). Behaviour, 2020, 157, 1193-1210.	0.8	5
6	Comment on â€œFemale toads engaging in adaptive hybridization prefer high-quality heterospecifics as matesâ€• Science, 2020, 370, .	12.6	1
7	Male condition and group heterogeneity predict extra-group paternity in a Neotropical bat. Behavioral Ecology and Sociobiology, 2020, 74, 1.	1.4	1
8	Individual Cryptic Scaling Relationships and the Evolution of Animal Form. Integrative and Comparative Biology, 2019, 59, 1411-1428.	2.0	9
9	Kinship, association, and social complexity in bats. Behavioral Ecology and Sociobiology, 2019, 73, 1.	1.4	49
10	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
11	Recurrent evolution of extreme longevity in bats. Biology Letters, 2019, 15, 20180860.	2.3	97
12	Vampire bats. Current Biology, 2019, 29, R1216-R1217.	3.9	2
13	Genetic Consequences of Sexual Selection in Stalk-Eyed Flies. , 2019, , 72-91.		0
14	Resource Ephemerality Drives Social Foraging in Bats. Current Biology, 2018, 28, 3667-3673.e5.	3.9	104
15	Dynamic sex-specific responses to synthetic songs in a duetting suboscine passerine. PLoS ONE, 2018, 13, e0202353.	2.5	8
16	Male Scent Gland Signals Mating Status in Greater Spear-Nosed Bats, Phyllostomus hastatus. Journal of Chemical Ecology, 2018, 44, 975-986.	1.8	13
17	Understanding cooperation through fitness interdependence. Nature Human Behaviour, 2018, 2, 429-431.	12.0	86
18	Social bet-hedging in vampire bats. Biology Letters, 2017, 13, 20170112.	2.3	45

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19	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
20	Food-sharing vampire bats are more nepotistic under conditions of perceived risk. Behavioral Ecology, 2017, 28, 565-569.	2.2	12
21	Age-dependent gene expression in the inner ear of big brown bats (Eptesicus fuscus). PLoS ONE, 2017, 12, e0186667.	2.5	3
22	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
23	Common vampire bat contact calls attract past food-sharing partners. Animal Behaviour, 2016, 116, 45-51.	1.9	44
24	Insect noise avoidance in the dawn chorus of Neotropical birds. Animal Behaviour, 2016, 112, 255-265.	1.9	56
25	The Ecology and Evolutionary Dynamics of Meiotic Drive. Trends in Ecology and Evolution, 2016, 31, 315-326.	8.7	305
26	Non-kin cooperation in bats. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150095.	4.0	72
27	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
28	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
29	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
30	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
31	Female natal philopatry and gene flow between divergent clades of pallid bats (Antrozous pallidus). Journal of Mammalogy, 2015, 96, 531-540.	1.3	13
32	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
33	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
34	Haldaneâ€™s Rule Is Linked to Extraordinary Sex Ratios and Sperm Length in Stalk-Eyed Flies. Genetics, 2014, 198, 1167-1181.	2.9	11
35	Meiotic Drive Impacts Expression and Evolution of X-Linked Genes in Stalk-Eyed Flies. PLoS Genetics, 2014, 10, e1004362.	3.5	32
36	RAPID EVOLUTION OF ASYMMETRIC REPRODUCTIVE INCOMPATIBILITIES IN STALKâ€EYED FLIES. Evolution; International Journal of Organic Evolution, 2014, 68, 384-396.	2.3	19

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37	Social Calls Predict Foraging Success in Big Brown Bats. Current Biology, 2014, 24, 885-889.	3.9	62
38	Cooperation and Conflict in the Social Lives of Bats. , 2013, , 225-242.		12
39	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
40	Does food sharing in vampire bats demonstrate reciprocity?. Communicative and Integrative Biology, 2013, 6, e25783.	1.4	35
41	Social calls of flying big brown bats (Eptesicus fuscus). Frontiers in Physiology, 2013, 4, 214.	2.8	34
42	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
43	Sex-Biased Gene Expression during Head Development in a Sexually Dimorphic Stalk-Eyed Fly. PLoS ONE, 2013, 8, e59826.	2.5	17
44	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
45	Compensation for exaggerated eye stalks in stalk-eyed flies (Diopsidae). Functional Ecology, 2011, 25, 608-616.	3.6	31
46	Reduced Polymorphism Associated with X Chromosome Meiotic Drive in the Stalk-Eyed Fly Teleopsis dalmanni. PLoS ONE, 2011, 6, e27254.	2.5	13
47	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
48	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
49	Social learning of a novel foraging task by big brown bats, Eptesicus fuscus. Animal Behaviour, 2011, 82, 1075-1083.	1.9	38
50	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
51	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
52	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
53	Bats and birds: Exceptional longevity despite high metabolic rates. Ageing Research Reviews, 2010, 9, 12-19.	10.9	174
54	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

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55	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
56	Pup guarding by greater spear-nosed bats. Behavioral Ecology and Sociobiology, 2009, 63, 1693-1703.	1.4	32
57	X chromosome influences sperm length in the stalk-eyed fly Cyrtodiopsis dalmanni. Heredity, 2007, 99, 56-61.	2.6	15
58	Discrimination of infant isolation calls by female greater spear-nosed bats, Phyllostomus hastatus. Animal Behaviour, 2007, 73, 423-432.	1.9	78
59	Correlated evolution between hearing sensitivity and social calls in bats. Biology Letters, 2006, 2, 561-564.	2.3	35
60	DIET INFLUENCES LIFE SPAN IN PARROTS (PSITTACIFORMES). Auk, 2006, 123, 108.	1.4	27
61	Mating system and brain size in bats. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 719-724.	2.6	151
62	Diet Influences Life Span in Parrots (Psittaciformes). Auk, 2006, 123, 108-118.	1.4	35
63	Fitness effects of X chromosome drive in the stalk-eyed fly, Cyrtodiopsis dalmanni. Journal of Evolutionary Biology, 2006, 19, 1851-1860.	1.7	48
64	Isolation and characterization of polymorphic microsatellite loci in Bornean treeshrews (Tupaia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.7	5
65	Genetic divergence does not predict change in ornament expression among populations of stalk-eyed flies. Molecular Ecology, 2005, 14, 3787-3800.	3.9	30
66	RAPID EVOLUTION OF POSTZYGOTIC REPRODUCIVE ISOLATION IN STALK-EYED FLIES. Evolution; International Journal of Organic Evolution, 2005, 59, 849-857.	2.3	32
67	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
68	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
69	RAPID EVOLUTION OF POSTZYGOTIC REPRODUCTIVE ISOLATION IN STALK-EYED FLIES. Evolution; International Journal of Organic Evolution, 2005, 59, 849.	2.3	31
70	Rapid evolution of postzygotic reproductive isolation in stalk-eyed flies. Evolution; International Journal of Organic Evolution, 2005, 59, 849-57.	2.3	15
71	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
72	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

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73	Function of male song in the greater white-lined bat, Saccopteryx bilineata. Animal Behaviour, 2004, 67, 883-891.	1.9	100
74	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
75	A reply to Elias Khalilâ€™s â€œWhat is altruism?â€. Journal of Economic Psychology, 2004, 25, 125-127.	2.2	2
76	Microsatellite variation among divergent populations of stalk-eyed flies, genus Cyrtodiopsis. Genetical Research, 2004, 84, 27-40.	0.9	37
77	Phylogeography of sex ratio and multiple mating in stalk-eyed flies from southeast Asia. Genetica, 2003, 117, 37-46.	1.1	48
78	Male dominance, paternity, and relatedness in the Jamaican fruitâ€eating bat (Artibeus jamaicensis). Molecular Ecology, 2003, 12, 2409-2415.	3.9	74
79	PHYLOGENETIC ANALYSIS OF CORRELATION STRUCTURE IN STALK-EYED FLIES (DIASEMOPSIS, DIOPSIDAE). Evolution; International Journal of Organic Evolution, 2003, 57, 87-103.	2.3	44
80	PHYLOGENETIC ANALYSIS OF CORRELATION STRUCTURE IN STALK-EYED FLIES (DIASEMOPSIS, DIOPSIDAE). Evolution; International Journal of Organic Evolution, 2003, 57, 87.	2.3	7
81	12. Social and Vocal Complexity in Bats. , 2003, , 322-341.		70
82	GEOGRAPHIC AND INDIVIDUAL VARIATION IN VOCALIZATIONS BY MALE SACCOPTERYX BILINEATA (CHIROPTERA: EMBALLONURIDAE). Journal of Mammalogy, 2002, 83, 526-535.	1.3	63
83	5. Genetic Consequences of Sexual Selection in Stalk-Eyed Flies. , 2002, , 72-91.		4
84	The long and short of sperm polymorphisms in insects. Biological Reviews, 2002, 77, 153-182.	10.4	125
85	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
86	Life history, ecology and longevity in bats. Aging Cell, 2002, 1, 124-131.	6.7	340
87	Sperm development, age and sex chromosome meiotic drive in the stalk-eyed fly, Cyrtodiopsis whitei. Heredity, 2001, 87, 17-24.	2.6	38
88	Birth synchrony in greater spear-nosed bats (Phyllostomus hastatus). Journal of Zoology, 2001, 253, 383-390.	1.7	38
89	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
90	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

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91	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
92	Conditions Enabling the Evolution of Inter-Agent Signaling in an Artificial World. Artificial Life, 2001, 7, 3-32.	1.3	17
93	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
94	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
95	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
96	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
97	Bat Mating Systems. , 2000, , 321-362.		182
98	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
99	Exaggerated male eye span influences contest outcome in stalk-eyed flies (Diopsidae). Behavioral Ecology and Sociobiology, 1999, 46, 221-227.	1.4	132
100	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
101	Models of sex-ratio meiotic drive and sexual selection in stalk-eyed flies. Genetical Research, 1999, 74, 245-253.	0.9	68
102	Social calls coordinate foraging in greater spear-nosed bats. Animal Behaviour, 1998, 55, 337-350.	1.9	238
103	Greater spear-nosed bats discriminate group mates by vocalizations. Animal Behaviour, 1998, 55, 1717-1732.	1.9	194
104	Male eye span in stalk-eyed flies indicates genetic quality by meiotic drive suppression. Nature, 1998, 391, 276-279.	27.8	205
105	Distribution and reproductive effectsof Wolbachia in stalk-eyed flies (Diptera: Diopsidae). Heredity, 1998, 81, 254-260.	2.6	29
106	Evolution of female mating preferences in stalk-eyed flies. Behavioral Ecology, 1998, 9, 525-533.	2.2	114
107	Distribution and reproductive effectsof Wolbachia in stalk-eyed flies(Diptera: Diopsidae). Heredity, 1998, 81, 254-260.	2.6	1
108	Function and evolution of antlers and eye stalks in flies. , 1997, , 310-328.		112

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109	Evolution of Repeated Sequence Arrays in the D-Loop Region of Bat Mitochondrial DNA. Genetics, 1997, 146, 1035-1048.	2.9	119
110	Migration and evolution of lesser long-nosed bats Leptonycteris curasoae, inferred from mitochondrial DNA. Molecular Ecology, 1996, 5, 329-339.	3.9	45
111	CHANGES IN GENETIC VARIANCES AND COVARIANCES: G WHIZ!. Evolution; International Journal of Organic Evolution, 1995, 49, 1260-1267.	2.3	81
112	Changes in Genetic Variances and Covariances: G Whiz!. Evolution; International Journal of Organic Evolution, 1995, 49, 1260.	2.3	68
113	EQUIPMENT REVIEWS. Bioacoustics, 1994, 5, 227-238.	1.7	11
114	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
115	Evening bat isolation calls provide evidence for heritable signatures. Animal Behaviour, 1993, 46, 847-860.	1.9	113
116	Artificial sexual selection alters allometry in the stalk-eyed flyCyrtodiopsis dalmanni(Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	169
117	Information transfer at evening bat colonies. Animal Behaviour, 1992, 44, 501-518.	1.9	221
118	Swallowing ornamental asymmetry. Nature, 1992, 359, 487-488.	27.8	18
119	RESISTANCE OF GENETIC CORRELATION STRUCTURE TO DIRECTIONAL SELECTION INDROSOPHILA MELANOGASTER. Evolution; International Journal of Organic Evolution, 1990, 44, 1990-2003.	2.3	84
120	Food Sharing in Vampire Bats. Scientific American, 1990, 262, 76-82.	1.0	146
121	Resistance of Genetic Correlation Structure to Directional Selection in Drosophila melanogaster. Evolution; International Journal of Organic Evolution, 1990, 44, 1990.	2.3	42
122	Perinatal mortality and sex ratios in Hawaii. Ethology and Sociobiology, 1989, 10, 435-447.	1.5	2
123	Reciprocal altruism in bats and other mammals. Ethology and Sociobiology, 1988, 9, 85-100.	1.5	147
124	Communal Nesting among Genetically Similar House Mice. Ethology, 1988, 77, 103-114.	1.1	78
125	EQUILIBRIUM ANALYSIS OF SEXUAL SELECTION IN DROSOPHILA MELANOGASTER. Evolution; International Journal of Organic Evolution, 1987, 41, 11-21.	2.3	116
126	Equilibrium Analysis of Sexual Selection in Drosophila melanogaster. Evolution; International Journal of Organic Evolution, 1987, 41, 11.	2.3	33

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127	Social grooming in the common vampire bat, Desmodus rotundus. Animal Behaviour, 1986, 34, 1880-1889.	1.9	147
128	ON ESTIMATING RELATEDNESS USING GENETIC MARKERS. Evolution; International Journal of Organic Evolution, 1985, 39, 1169-1174.	2.3	29
129	On Estimating Relatedness Using Genetic Markers. Evolution; International Journal of Organic Evolution, 1985, 39, 1169.	2.3	7
130	Space Use by a Neotropical Water Strider (Hemiptera: Gerridae): Sex and Age-Class Difference. Biotropica, 1985, 17, 165.	1.6	12
131	Reciprocal food sharing in the vampire bat. Nature, 1984, 308, 181-184.	27.8	868
132	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
133	Social behaviour and speciation. , 0, , 491-515.		5