

Gregory F Grether

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

3,542
citations

35
h-index

59
g-index

83
ext. papers

3,931
ext. citations

4
avg, IF

5.59
L-index

#	Paper	IF	Citations
81	Niche partitioning in an assemblage of granivorous rodents, and the challenge of community-level conservation.. <i>Oecologia</i> , 2022 , 198, 553	2.9	0
80	Trade-off mediated by pyrrolizidine alkaloids predicts alternative reproductive tactics in ithomiine butterflies. <i>Ecological Entomology</i> , 2021 , 46, 1113-1117	2.1	
79	Teaching Evolutionary Concepts in Elementary School. <i>American Biology Teacher</i> , 2021 , 83, 118-119	0.3	
78	Developing & Testing Curricula for Teaching Evolutionary Concepts at the Elementary School Level. <i>American Biology Teacher</i> , 2021 , 83, 96-103	0.3	0
77	Exciting discoveries in animal signalling and sexual dichromatism. <i>Functional Ecology</i> , 2021 , 35, 1624-1626	5.6	
76	Convergent and divergent selection drive plumage evolution in woodpeckers. <i>Nature Communications</i> , 2020 , 11, 144	17.4	2
75	Competition and hybridization drive interspecific territoriality in birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12923-12930	11.5	13
74	Predicting evolutionary responses to interspecific interference in the wild. <i>Ecology Letters</i> , 2020 , 23, 221-230	10	5
73	Time spent together and time spent apart affect song, feather colour and range overlap in tinkerbirds. <i>Biological Journal of the Linnean Society</i> , 2020 , 129, 439-458	1.9	4
72	Multiple routes to interspecific territoriality in sister species of North American perching birds. <i>Evolution; International Journal of Organic Evolution</i> , 2020 , 74, 2134-2148	3.8	4
71	Territoriality in Aquatic Insects 2019 , 167-189		2
70	A General Explanation for the Persistence of Reproductive Interference. <i>American Naturalist</i> , 2019 , 194, 268-275	3.7	7
69	Continent-scale phenotype mapping using citizen scientists' photographs. <i>Ecography</i> , 2019 , 42, 1436-1446	5.5	10
68	Rampant introgressive hybridization in <i>Pogoniulus</i> tinkerbirds (Piciformes: Lybiidae) despite millions of years of divergence. <i>Biological Journal of the Linnean Society</i> , 2019 , 127, 125-142	1.9	5
67	Cache pilfering in a granivore guild: Implications for reintroduction management. <i>Journal of Wildlife Management</i> , 2019 , 83, 1607-1616	1.9	2
66	Body size, not phylogenetic relationship or residency, drives interspecific dominance in a little pocket mouse community. <i>Animal Behaviour</i> , 2018 , 137, 197-204	2.8	8
65	Why are female color polymorphisms rare in territorial damselflies?. <i>Ethology</i> , 2018 , 124, 667-673	1.7	0

64	Experimental test of the mechanism underlying sexual segregation at communal roosts of harvestmen (Prionostemma spp.). <i>Ethology</i> , 2017 , 123, 516-525	1.7	2
63	Causes and Consequences of Behavioral Interference between Species. <i>Trends in Ecology and Evolution</i> , 2017 , 32, 760-772	10.9	80
62	The ecological and evolutionary stability of interspecific territoriality. <i>Ecology Letters</i> , 2016 , 19, 260-7	10	36
61	Exploring visual plasticity: dietary carotenoids can change color vision in guppies (<i>Poecilia reticulata</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2016 , 202, 527-34	2.3	14
60	Loss of sexual dimorphism is associated with loss of lekking behavior in the green manakin <i>Xenopipo holochora</i> . <i>Journal of Avian Biology</i> , 2015 , 46, 307-314	1.9	10
59	Reproductive interference explains persistence of aggression between species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20142256	4.4	36
58	The Role of Wing Coloration in Sex Recognition and Competitor Recognition in Rubyspot Damselflies (<i>Hetaerina</i> spp.). <i>Ethology</i> , 2015 , 121, 674-685	1.7	9
57	Redesigning the genetic architecture of phenotypically plastic traits in a changing environment. <i>Biological Journal of the Linnean Society</i> , 2014 , 112, 276-286	1.9	9
56	Interspecific aggression, not interspecific mating, drives character displacement in the wing coloration of male rubyspot damselflies (<i>Hetaerina</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20141737	4.4	23
55	Communal roosting sites are potential ecological traps: experimental evidence in a Neotropical harvestman. <i>Behavioral Ecology and Sociobiology</i> , 2014 , 68, 1629-1638	2.5	8
54	Species differences and geographic variation in the communal roosting behavior of <i>Prionostemma</i> harvestmen in Central American rainforests. <i>Journal of Arachnology</i> , 2014 , 42, 257-267	1.1	11
53	Integrating Functional and Evolutionary Approaches to the Study of Color-Based Animal Signals 2014 , 111-140		2
52	The evolution of species recognition in competitive and mating contexts: the relative efficacy of alternative mechanisms of character displacement. <i>Ecology Letters</i> , 2013 , 16, 670-8	10	34
51	The evolutionary consequences of interspecific aggression. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1289, 48-68	6.5	96
50	Characterization of novel microsatellite loci for <i>Hetaerina americana</i> damselflies, and cross-amplification in other species. <i>Conservation Genetics Resources</i> , 2013 , 5, 149-151	0.8	2
49	Unraveling the true complexity of costly color signaling. <i>Behavioral Ecology</i> , 2012 , 23, 233-236	2.3	45
48	New communal roosting tradition established through experimental translocation in a Neotropical harvestman. <i>Animal Behaviour</i> , 2012 , 84, 1183-1190	2.8	18
47	Characterization of 12 microsatellite loci in the waterfall damselfly (<i>Paraphlebia zoe</i>) for use in population genetic applications. <i>Conservation Genetics Resources</i> , 2012 , 4, 175-177	0.8	1

46	Female mate preference explains countergradient variation in the sexual coloration of guppies (<i>Poecilia reticulata</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 1684-90	4.4	15
45	An assessment of marking techniques for odonates in the family Calopterygidae. <i>Entomologia Experimentalis Et Applicata</i> , 2011 , 141, 258-261	2.1	18
44	Multiple routes to reduced interspecific territorial fighting in Hetaerina damselflies. <i>Behavioral Ecology</i> , 2011 , 22, 527-534	2.3	12
43	The neuroecology of competitor recognition. <i>Integrative and Comparative Biology</i> , 2011 , 51, 807-18	2.8	41
42	Character displacement in the fighting colours of Hetaerina damselflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 3669-75	4.4	39
41	Interspecific aggression and character displacement of competitor recognition in Hetaerina damselflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 549-55	4.4	75
40	The Evolution of Mate Preferences, Sensory Biases, and Indicator Traits. <i>Advances in the Study of Behavior</i> , 2010 , 41, 35-76	3.4	10
39	Food availability and parasite infection influence mating tactics in guppies (<i>Poecilia reticulata</i>). <i>Behavioral Ecology</i> , 2009 , 20, 131-137	2.3	59
38	Sociality in Rancho La Brea Smilodon : arguments favour Evidence over Coincidence <i>Biology Letters</i> , 2009 , 5, 563-564	3.6	8
37	Predicting the direction of ornament evolution in Trinidadian guppies (<i>Poecilia reticulata</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 4335-43	4.4	54
36	The role of interspecific interference competition in character displacement and the evolution of competitor recognition. <i>Biological Reviews</i> , 2009 , 84, 617-35	13.5	214
35	Parallels between playbacks and Pleistocene tar seeps suggest sociality in an extinct sabretooth cat, Smilodon. <i>Biology Letters</i> , 2009 , 5, 81-5	3.6	49
34	Ornamental evolution in Trinidadian guppies (<i>Poecilia reticulata</i>): insights from sensory processing-based analyses of entire colour patterns. <i>Biological Journal of the Linnean Society</i> , 2008 , 95, 734-747	1.9	39
33	Evolutionary consequences of human disturbance in a rainforest bird species from Central Africa. <i>Molecular Ecology</i> , 2008 , 17, 58-71	5.7	41
32	Pronounced reproductive skew in a natural population of green swordtails, <i>Xiphophorus helleri</i> . <i>Molecular Ecology</i> , 2008 , 17, 4522-34	5.7	41
31	Competitive mimicry: synthesis of a neglected class of mimetic relationships. <i>Ecology</i> , 2007 , 88, 2440-8	4.6	32
30	Communal Roost Site Selection in a Neotropical Harvestman: Habitat Limitation vs. Tradition. <i>Ethology</i> , 2007 , 113, 290-300	1.7	29
29	Environmental and genetic influences on mating strategies along a replicated food availability gradient in guppies (<i>Poecilia reticulata</i>). <i>Behavioral Ecology and Sociobiology</i> , 2007 , 61, 689-701	2.5	17

28	Tradition without social learning: scent-mark-based communal roost formation in a Neotropical harvestman (<i>Prionostemma</i> sp.). <i>Behavioral Ecology and Sociobiology</i> , 2007 , 61, 801-809	2.5	27
27	The effects of carotenoid and food availability on resistance to a naturally occurring parasite (<i>Gyrodactylus turnbulli</i>) in guppies (<i>Poecilia reticulata</i>). <i>Biological Journal of the Linnean Society</i> , 2006 , 89, 301-309	1.9	54
26	The effects of resource availability on alternative mating tactics in guppies (<i>Poecilia reticulata</i>). <i>Behavioral Ecology</i> , 2005 , 16, 294-300	2.3	61
25	Environmental change, phenotypic plasticity, and genetic compensation. <i>American Naturalist</i> , 2005 , 166, E115-23	3.7	138
24	COUNTERGRADIENT VARIATION IN THE SEXUAL COLORATION OF GUPPIES (<i>POECILIA RETICULATA</i>): DROSOPTERIN SYNTHESIS BALANCES CAROTENOID AVAILABILITY. <i>Evolution; International Journal of Organic Evolution</i> , 2005 , 59, 175-188	3.8	75
23	Carotenoid availability affects the development of a colour-based mate preference and the sensory bias to which it is genetically linked. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005 , 272, 2181-8	4.4	64
22	Countergradient variation in the sexual coloration of guppies (<i>Poecilia reticulata</i>): drosoplerin synthesis balances carotenoid availability. <i>Evolution; International Journal of Organic Evolution</i> , 2005 , 59, 175-88	3.8	18
21	Sex-specific effects of carotenoid intake on the immunological response to allografts in guppies (<i>Poecilia reticulata</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271, 45-9	4.4	82
20	Individual colour patches as multicomponent signals. <i>Biological Reviews</i> , 2004 , 79, 583-610	13.5	188
19	Marginal differentiation between the sexual and general carotenoid pigmentation of guppies (<i>Poecilia reticulata</i>) and a possible visual explanation. <i>Physiological and Biochemical Zoology</i> , 2003 , 76, 776-90	2	34
18	A possible non-sexual origin of mate preference: are male guppies mimicking fruit?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002 , 269, 475-81	4.4	247
17	Carotenoid scarcity, synthetic pteridine pigments and the evolution of sexual coloration in guppies (<i>Poecilia reticulata</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001 , 268, 1245-53	4.4	156
16	RAIN FOREST CANOPY COVER, RESOURCE AVAILABILITY, AND LIFE HISTORY EVOLUTION IN GUPPIES. <i>Ecology</i> , 2001 , 82, 1546-1559	4.6	184
15	RAIN FOREST CANOPY COVER, RESOURCE AVAILABILITY, AND LIFE HISTORY EVOLUTION IN GUPPIES 2001 , 82, 1546		15
14	Carotenoid limitation and mate preference evolution: a test of the indicator hypothesis in guppies (<i>Poecilia reticulata</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 1712-24	3.8	170
13	Mechanisms for the formation and maintenance of traditional night roost aggregations in a territorial damselfly. <i>Animal Behaviour</i> , 2000 , 60, 569-579	2.8	20
12	CAROTENOID LIMITATION AND MATE PREFERENCE EVOLUTION: A TEST OF THE INDICATOR HYPOTHESIS IN GUPPIES (<i>POECILIA RETICULATA</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 1712	3.8	14
11	Carotenoid limitation of sexual coloration along an environmental gradient in guppies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999 , 266, 1317-1322	4.4	208

10	Survival cost of an intrasexually selected ornament in a damselfly. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997 , 264, 207-210	4.4	35
9	Sexual Selection and Survival Selection on Wing Coloration and Body Size in the Rubyspot Damselfly <i>Hetaerina americana</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 1939	3.8	50
8	Intrasexual Competition Alone Favors a Sexually Dimorphic Ornament in the Rubyspot Damselfly <i>Hetaerina americana</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 1949	3.8	63
7	SEXUAL SELECTION AND SURVIVAL SELECTION ON WING COLORATION AND BODY SIZE IN THE RUBYSPOT DAMSELFLY HETAERINA AMERICANA. <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 1939-1948	3.8	82
6	INTRASEXUAL COMPETITION ALONE FAVORS A SEXUALLY DIMORPHIC ORNAMENT IN THE RUBYSPOT DAMSELFLY HETAERINA AMERICANA. <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 1949-1957	3.8	111
5	Novel cost of a sexually selected trait in the rubyspot damselfly <i>Hetaerina americana</i> : conspicuousness to prey. <i>Behavioral Ecology</i> , 1996 , 7, 465-473	2.3	63
4	Genetic correlation complicates the interpretation of phylogenetic transitions in sexually selected traits. <i>Behavioral Ecology</i> , 1995 , 6, 349-349	2.3	3
3	Gibbon foraging decisions and the marginal value model. <i>International Journal of Primatology</i> , 1992 , 13, 1-17	2	35
2	Association among wild orang-utans: sociality, passive aggregations or chance?. <i>Animal Behaviour</i> , 1991 , 42, 33-46	2.8	52
1	Multiple routes to interspecific territoriality in sister species of North American perching birds		1