Ashleigh S Griffin

List of Publications by Year
in descending order

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75 papers	13,056 citations	66250 44 h-index	93651 72 g-index
82 all docs	82 docs citations	82 times ranked	9295 citing authors

#	Article	IF	Citations
1	Ten recent insights for our understanding of cooperation. Nature Ecology and Evolution, 2021, 5, 419-430.	3.4	54
2	Hard-working helpers contribute to long breeder lifespans in cooperative birds. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190742.	1.8	19
3	Why don't all animals avoid inbreeding?. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211045.	1.2	17
4	Plasmids do not consistently stabilize cooperation across bacteria but may promote broad pathogen host-range. Nature Ecology and Evolution, 2021, 5, 1624-1636.	3.4	25
5	The costs and benefits of paternal care in fish: a meta-analysis. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201759.	1.2	21
6	The Benefits of Help in Cooperative Birds: Nonexistent or Difficult to Detect?. American Naturalist, 2020, 195, 1085-1091.	1.0	24
7	Group formation and the evolutionary pathway to complex sociality in birds. Nature Ecology and Evolution, 2020, 4, 479-486.	3.4	29
8	Honest signaling and the double counting of inclusive fitness. Evolution Letters, 2019, 3, 428-433.	1.6	4
9	Policing. Current Biology, 2019, 29, R431-R432.	1.8	2
10	Functional amyloids promote retention of public goods in bacteria. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190709.	1.2	7
11	Ashleigh Griffin. Current Biology, 2018, 28, R726-R727.	1.8	1
12	Sex differences in helping effort reveal the effect of future reproduction on cooperative behaviour in birds. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181164.	1.2	22
13	Privatisation rescues function following loss of cooperation. ELife, 2018, 7, .	2.8	24
14	How to make a sterile helper. BioEssays, 2017, 39, e201600136.	1.2	10
15	Cooperation facilitates the colonization of harsh environments. Nature Ecology and Evolution, 2017, 1, 57.	3.4	96
16	Indole: An evolutionarily conserved influencer of behavior across kingdoms. BioEssays, 2017, 39, 1600203.	1.2	56
17	Bacteriocins and the assembly of natural Pseudomonas fluorescens populations. Journal of Evolutionary Biology, 2017, 30, 352-360.	0.8	29
18	Cheating and resistance to cheating in natural populations of the bacteriumPseudomonas fluorescens. Evolution; International Journal of Organic Evolution, 2017, 71, 2484-2495.	1.1	38

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19	Diversity, Prevalence, and Longitudinal Occurrence of Type II Toxin-Antitoxin Systems of Pseudomonas aeruginosa Infecting Cystic Fibrosis Lungs. Frontiers in Microbiology, 2017, 8, 1180.	1.5	23
20	Pyoverdin cheats fail to invade bacterial populations in stationary phase. Journal of Evolutionary Biology, 2016, 29, 1728-1736.	0.8	16
21	Nice or nasty: Protein translocation between bacteria and the different forms of response. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8559-8561.	3.3	1
22	Sibling conflict and dishonest signaling in birds. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13803-13808.	3.3	46
23	Unpredictable environments lead to the evolution of parental neglect in birds. Nature Communications, 2016, 7, 10985.	5.8	87
24	Coâ€evolutionary dynamics between public good producers andÂcheats in the bacterium Pseudomonas aeruginosa. Journal of Evolutionary Biology, 2015, 28, 2264-2274.	0.8	62
25	Sex, long life and the evolutionary transition to cooperative breeding in birds. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151663.	1.2	51
26	Conflict of interest and signal interference lead to the breakdown of honest signaling. Evolution; International Journal of Organic Evolution, 2015, 69, 2371-2383.	1.1	35
27	Bacteriocin-mediated competition in cystic fibrosis lung infections. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150972.	1.2	40
28	Long-term social dynamics drive loss of function in pathogenic bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10756-10761.	3.3	155
29	TOWARD AN EVOLUTIONARY DEFINITION OF CHEATING. Evolution; International Journal of Organic Evolution, 2014, 68, 318-331.	1.1	157
30	Loss of Social Behaviours in Populations of Pseudomonas aeruginosa Infecting Lungs of Patients with Cystic Fibrosis. PLoS ONE, 2014, 9, e83124.	1.1	77
31	An experimental test of whether cheating is context dependent. Journal of Evolutionary Biology, 2014, 27, 551-556.	0.8	60
32	Fewer invited talks by women in evolutionary biology symposia. Journal of Evolutionary Biology, 2013, 26, 2063-2069.	0.8	120
33	Why Do Cuckolded Males Provide Paternal Care?. PLoS Biology, 2013, 11, e1001520.	2.6	68
34	The Dynamics of Cooperative Bacterial Virulence in the Field. Science, 2012, 337, 85-88.	6.0	112
35	Only full-sibling families evolved eusociality. Nature, 2011, 471, E4-E5.	13.7	74
36	Promiscuity and the evolutionary transition to complex societies. Nature, 2010, 466, 969-972.	13.7	324

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37	Repression of competition favours cooperation: experimental evidence from bacteria. Journal of Evolutionary Biology, 2010, 23, 699-706.	0.8	32
38	Fitness correlates with the extent of cheating in a bacterium. Journal of Evolutionary Biology, 2010, 23, 738-747.	0.8	83
39	Viscous medium promotes cooperation in the pathogenic bacteriumPseudomonas aeruginosa. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3531-3538.	1.2	200
40	Social evolution in micro-organisms and a Trojan horse approach to medical intervention strategies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 3157-3168.	1.8	127
41	Quorum Sensing and the Social Evolution of Bacterial Virulence. Current Biology, 2009, 19, 341-345.	1.8	273
42	LIMITED DISPERSAL, BUDDING DISPERSAL, AND COOPERATION: AN EXPERIMENTAL STUDY. Evolution; International Journal of Organic Evolution, 2009, 63, 939-949.	1.1	163
43	DENSITY DEPENDENCE AND COOPERATION: THEORY AND A TEST WITH BACTERIA. Evolution; International Journal of Organic Evolution, 2009, 63, 2315-2325.	1.1	115
44	Phenotypic plasticity of a cooperative behaviour in bacteria. Journal of Evolutionary Biology, 2009, 22, 589-598.	0.8	147
45	Routes to indirect fitness in cooperatively breeding vertebrates: kin discrimination and limited dispersal. Journal of Evolutionary Biology, 2009, 22, 2445-2457.	0.8	138
46	Social semantics: how useful has group selection been?. Journal of Evolutionary Biology, 2008, 21, 374-385.	0.8	134
47	Naked mole-rat. Current Biology, 2008, 18, R844-R845.	1.8	9
48	Frequency Dependence and Cooperation: Theory and a Test with Bacteria. American Naturalist, 2007, 170, 331-342.	1.0	266
49	Evolutionary theory of bacterial quorum sensing: when is a signal not a signal?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 1241-1249.	1.8	206
50	The Social Lives of Microbes. Annual Review of Ecology, Evolution, and Systematics, 2007, 38, 53-77.	3.8	636
51	Cooperation and conflict in quorum-sensing bacterial populations. Nature, 2007, 450, 411-414.	13.7	737
52	Social semantics: altruism, cooperation, mutualism, strong reciprocity and group selection. Journal of Evolutionary Biology, 2007, 20, 415-432.	0.8	1,541
53	Siderophore-mediated cooperation and virulence in Pseudomonas aeruginosa. FEMS Microbiology Ecology, 2007, 62, 135-141.	1.3	146
54	Behaviour: Begging Is a Joint Effort in Banded Mongooses. Current Biology, 2007, 17, R276-R277.	1.8	0

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55	Meerkats. Current Biology, 2007, 17, R442-R443.	1.8	5
56	Evolutionary Explanations for Cooperation. Current Biology, 2007, 17, R661-R672.	1.8	815
57	Behavioural Ecology: Hidden Benefits Revealed. Current Biology, 2007, 17, R925-R927.	1.8	0
58	Is Bacterial Persistence a Social Trait?. PLoS ONE, 2007, 2, e752.	1.1	83
59	Social evolution theory for microorganisms. Nature Reviews Microbiology, 2006, 4, 597-607.	13.6	993
60	Cooperation and the Scale of Competition in Humans. Current Biology, 2006, 16, 1103-1106.	1.8	181
61	Altruism. Current Biology, 2006, 16, R482-R483.	1.8	30
62	Social Evolution: Lazy Wasps Look to the Future. Current Biology, 2006, 16, R599-R601.	1.8	1
63	Cooperative Breeders Adjust Offspring Sex Ratios to Produce Helpful Helpers. American Naturalist, 2005, 166, 628-632.	1.0	81
64	Cooperation and competition in pathogenic bacteria. Nature, 2004, 430, 1024-1027.	13.7	901
65	Kin Discrimination and the Benefit of Helping in Cooperatively Breeding Vertebrates. Science, 2003, 302, 634-636.	6.0	370
66	A genetic analysis of breeding success in the cooperative meerkat (Suricata suricatta). Behavioral Ecology, 2003, 14, 472-480.	1.0	172
67	Cooperation and Competition Between Relatives. Science, 2002, 296, 72-75.	6.0	701
68	Kin selection: fact and fiction. Trends in Ecology and Evolution, 2002, 17, 15-21.	4.2	315
69	Social trajectories and the evolution of social behavior. Oikos, 2002, 96, 206-216.	1.2	76
70	Cooperation, Control, and Concession in Meerkat Groups. Science, 2001, 291, 478-481.	6.0	330
71	Contributions to cooperative rearing in meerkats. Animal Behaviour, 2001, 61, 705-710.	0.8	188
72	Testing Hamilton's rule with competition between relatives. Nature, 2001, 409, 510-513.	13.7	253

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73	Individual contributions to babysitting in a cooperative mongoose,Suricata suricatta. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 301-305.	1.2	173
74	Behavioral and Physiological Differences between Two Parapatric Heliconius Species1. Biotropica, 1999, 31, 661-668.	0.8	17
75	Selfish Sentinels in Cooperative Mammals. Science, 1999, 284, 1640-1644.	6.0	417