

# Stuart West

## List of Publications by Year in descending order

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Version: 2024-02-01

261  
papers

29,180  
citations

5891

81  
h-index

6465

157  
g-index

286  
all docs

286  
docs citations

286  
times ranked

17881  
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of mechanisms to produce phenotypic heterogeneity in microorganisms. <i>Nature Communications</i> , 2022, 13, 195.	5.8	7
2	Kin selection for cooperation in natural bacterial populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	15
3	Playing god with evolution. <i>Nature Ecology and Evolution</i> , 2022, , .	3.4	0
4	Ten recent insights for our understanding of cooperation. <i>Nature Ecology and Evolution</i> , 2021, 5, 419-430.	3.4	54
5	A solution to a sex ratio puzzle in <i>Melittobia</i> wasps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2024656118.	3.3	9
6	Payoff-based learning best explains the rate of decline in cooperation across 237 public-goods games. <i>Nature Human Behaviour</i> , 2021, 5, 1330-1338.	6.2	30
7	Cooperative interactions among females can lead to even more extraordinary sex ratios. <i>Evolution Letters</i> , 2021, 5, 370-384.	1.6	8
8	Relatedness and the evolution of mechanisms to divide labor in microorganisms. <i>Ecology and Evolution</i> , 2021, 11, 14475-14489.	0.8	10
9	The evolution of division of labour in structured and unstructured groups. <i>ELife</i> , 2021, 10, .	2.8	12
10	Plasmids do not consistently stabilize cooperation across bacteria but may promote broad pathogen host-range. <i>Nature Ecology and Evolution</i> , 2021, 5, 1624-1636.	3.4	25
11	The evolution of cheating in viruses. <i>Nature Communications</i> , 2021, 12, 6928.	5.8	14
12	The cost and benefit of quorum sensing-controlled bacteriocin production in <i>Lactobacillus plantarum</i> . <i>Journal of Evolutionary Biology</i> , 2020, 33, 101-111.	0.8	33
13	The social coevolution hypothesis for the origin of enzymatic cooperation. <i>Nature Ecology and Evolution</i> , 2020, 4, 132-137.	3.4	10
14	Compartmentalization drives the evolution of symbiotic cooperation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190602.	1.8	55
15	Kin discrimination, negative relatedness, and how to distinguish between selfishness and spite. <i>Evolution Letters</i> , 2020, 4, 65-72.	1.6	5
16	Transmission, relatedness, and the evolution of cooperative symbionts. <i>Journal of Evolutionary Biology</i> , 2019, 32, 1036-1045.	0.8	16
17	Honest signaling and the double counting of inclusive fitness. <i>Evolution Letters</i> , 2019, 3, 428-433.	1.6	4
18	Crystal toxins and the volunteer's dilemma in bacteria. <i>Journal of Evolutionary Biology</i> , 2019, 32, 310-319.	0.8	11

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19	Mycorrhizal Fungi Respond to Resource Inequality by Moving Phosphorus from Rich to Poor Patches across Networks. <i>Current Biology</i> , 2019, 29, 2043-2050.e8.	1.8	107
20	Conflict within cooperation. <i>Current Biology</i> , 2019, 29, R425-R426.	1.8	10
21	Functional amyloids promote retention of public goods in bacteria. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190709.	1.2	7
22	Altruism in a virus. <i>Nature Microbiology</i> , 2019, 4, 910-911.	5.9	8
23	The costs and benefits of multicellular group formation in algae*. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 1296-1308.	1.1	23
24	The evolution of collective infectious units in viruses. <i>Virus Research</i> , 2019, 265, 94-101.	1.1	31
25	Evolutionary maintenance of genomic diversity within arbuscular mycorrhizal fungi. <i>Ecology and Evolution</i> , 2019, 9, 2425-2435.	0.8	7
26	Adaptation is maintained by the parliament of genes. <i>Nature Communications</i> , 2019, 10, 5163.	5.8	22
27	Darwin's aliens. <i>International Journal of Astrobiology</i> , 2019, 18, 1-9.	0.9	19
28	Bacteria Use Collective Behavior to Generate Diverse Combat Strategies. <i>Current Biology</i> , 2018, 28, 345-355.e4.	1.8	88
29	Symbiont switching and alternative resource acquisition strategies drive mutualism breakdown. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5229-5234.	3.3	90
30	Beneficial coinfection can promote within-host viral diversity. <i>Virus Evolution</i> , 2018, 4, vey028.	2.2	29
31	Pleiotropy, cooperation, and the social evolution of genetic architecture. <i>PLoS Biology</i> , 2018, 16, e2006671.	2.6	38
32	Modeling relatedness and demography in social evolution. <i>Evolution Letters</i> , 2018, 2, 260-271.	1.6	20
33	Division of labour and the evolution of extreme specialization. <i>Nature Ecology and Evolution</i> , 2018, 2, 1161-1167.	3.4	74
34	The coevolution of cooperation and cognition in humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180723.	1.2	22
35	Reproductive strategies of diurnal mutillid wasps (Hymenoptera: Mutillidae). <i>Contributions in Science</i> , 2018, 526, 181-188.	0.3	2
36	Cooperation facilitates the colonization of harsh environments. <i>Nature Ecology and Evolution</i> , 2017, 1, 57.	3.4	96

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37	Signalling of information that is neither cryptic nor private. <i>Journal of Evolutionary Biology</i> , 2017, 30, 806-813.	0.8	6
38	Sociomics: Using Omic Approaches to Understand Social Evolution. <i>Trends in Genetics</i> , 2017, 33, 408-419.	2.9	23
39	Social learning and the demise of costly cooperation in humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170067.	1.2	25
40	The <i>Pseudomonas aeruginosa</i> PSL Polysaccharide Is a Social but Noncheatable Trait in Biofilms. <i>MBio</i> , 2017, 8, .	1.8	59
41	Evidence for strategic cooperation in humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170689.	1.2	15
42	Growth rate, transmission mode and virulence in human pathogens. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160094.	1.8	45
43	Fast-killing parasites can be favoured in spatially structured populations. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160096.	1.8	11
44	Bacteriocins and the assembly of natural <i>Pseudomonas fluorescens</i> populations. <i>Journal of Evolutionary Biology</i> , 2017, 30, 352-360.	0.8	29
45	The evolution of cooperation in simple molecular replicators. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171967.	1.2	15
46	Sociovirology: Conflict, Cooperation, and Communication among Viruses. <i>Cell Host and Microbe</i> , 2017, 22, 437-441.	5.1	98
47	Cheating and resistance to cheating in natural populations of the bacterium <i>Pseudomonas fluorescens</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2484-2495.	1.1	38
48	Molecular markers reveal reproductive strategies of non-pollinating fig wasps. <i>Ecological Entomology</i> , 2017, 42, 689-696.	1.1	6
49	The evolution of host-symbiont dependence. <i>Nature Communications</i> , 2017, 8, 15973.	5.8	202
50	Kin Selection in the RNA World. <i>Life</i> , 2017, 7, 53.	1.1	2
51	Pyoverdinin cheats fail to invade bacterial populations in stationary phase. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1728-1736.	0.8	16
52	Division of labour in microorganisms: an evolutionary perspective. <i>Nature Reviews Microbiology</i> , 2016, 14, 716-723.	13.6	138
53	Sibling conflict and dishonest signaling in birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13803-13808.	3.3	46
54	Unpredictable environments lead to the evolution of parental neglect in birds. <i>Nature Communications</i> , 2016, 7, 10985.	5.8	87

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55	Misconceptions on the application of biological market theory to the mycorrhizal symbiosis. <i>Nature Plants</i> , 2016, 2, 16063.	4.7	23
56	Multicellular group formation in response to predators in the alga <i>Chlorella vulgaris</i> . <i>Journal of Evolutionary Biology</i> , 2016, 29, 551-559.	0.8	42
57	Learning in a black box. <i>Journal of Economic Behavior and Organization</i> , 2016, 127, 1-15.	1.0	46
58	Evolution: Welcome to Symbiont Prison. <i>Current Biology</i> , 2016, 26, R66-R68.	1.8	13
59	Conditional cooperation and confusion in public-goods experiments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1291-1296.	3.3	103
60	Restricting mutualistic partners to enforce trade reliance. <i>Nature Communications</i> , 2016, 7, 10322.	5.8	16
61	Co-evolutionary dynamics between public good producers and cheats in the bacterium <i>Pseudomonas aeruginosa</i> . <i>Journal of Evolutionary Biology</i> , 2015, 28, 2264-2274.	0.8	62
62	Fighting in fig wasps: do males avoid killing brothers or do they never meet them?. <i>Ecological Entomology</i> , 2015, 40, 741-747.	1.1	6
63	Major evolutionary transitions in individuality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10112-10119.	3.3	278
64	Cooperation, clumping and the evolution of multicellularity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151075.	1.2	21
65	Evolving new organisms via symbiosis. <i>Science</i> , 2015, 348, 392-394.	6.0	64
66	Payoff-based learning explains the decline in cooperation in public goods games. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142678.	1.2	64
67	Conflict of interest and signal interference lead to the breakdown of honest signaling. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2371-2383.	1.1	35
68	Bacteriocin-mediated competition in cystic fibrosis lung infections. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150972.	1.2	40
69	The Evolution of Altruism in Humans. <i>Annual Review of Psychology</i> , 2015, 66, 575-599.	9.9	207
70	Bees at War: Interspecific Battles and Nest Usurpation in Stingless Bees. <i>American Naturalist</i> , 2014, 184, 777-786.	1.0	25
71	INEXPLICABLY FEMALE-BIASED SEX RATIOS IN <i>MELITTOBIA</i> WASPS. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 2709-2717.	1.1	13
72	TOWARD AN EVOLUTIONARY DEFINITION OF CHEATING. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 318-331.	1.1	157

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73	An experimental study of strong reciprocity in bacteria. <i>Biology Letters</i> , 2014, 10, 20131069.	1.0	13
74	Loss of Social Behaviours in Populations of <i>Pseudomonas aeruginosa</i> Infecting Lungs of Patients with Cystic Fibrosis. <i>PLoS ONE</i> , 2014, 9, e83124.	1.1	77
75	Inclusive fitness: 50 years on. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130356.	1.8	46
76	Cooperation, Quorum Sensing, and Evolution of Virulence in <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2014, 82, 1045-1051.	1.0	108
77	Haplodiploidy and the Evolution of Eusociality: Worker Revolution. <i>American Naturalist</i> , 2014, 184, 303-317.	1.0	12
78	THE NICHE CONSTRUCTION PERSPECTIVE: A CRITICAL APPRAISAL. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 1231-1243.	1.1	179
79	An experimental test of whether cheating is context dependent. <i>Journal of Evolutionary Biology</i> , 2014, 27, 551-556.	0.8	60
80	A BIOLOGICAL MARKET ANALYSIS OF THE PLANT-MYCORRHIZAL SYMBIOSIS. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 2603-2618.	1.1	84
81	HANDICAPS ARE UNNECESSARY FOR HUMAN COMMUNICATION. , 2014, , .		0
82	Adaptation and Inclusive Fitness. <i>Current Biology</i> , 2013, 23, R577-R584.	1.8	132
83	Can natural selection favour altruism between species?. <i>Journal of Evolutionary Biology</i> , 2013, 26, 1854-1865.	0.8	18
84	Combined inequality in wealth and risk leads to disaster in the climate change game. <i>Climatic Change</i> , 2013, 120, 815-830.	1.7	56
85	Ecology, Not the Genetics of Sex Determination, Determines Who Helps in Eusocial Populations. <i>Current Biology</i> , 2013, 23, 2383-2387.	1.8	64
86	Multicoloured greenbeards, bacteriocin diversity and the rock-paper-scissors game. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2081-2094.	0.8	42
87	Human behavioral ecology. <i>Behavioral Ecology</i> , 2013, 24, 1043-1045.	1.0	8
88	Group Formation, Relatedness, and the Evolution of Multicellularity. <i>Current Biology</i> , 2013, 23, 1120-1125.	1.8	142
89	Fewer invited talks by women in evolutionary biology symposia. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2063-2069.	0.8	120
90	Haplodiploidy and the Evolution of Eusociality: Worker Reproduction. <i>American Naturalist</i> , 2013, 182, 421-438.	1.0	19

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91	Prosocial preferences do not explain human cooperation in public-goods games. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 216-221.	3.3	122
92	What do humans maximize?. , 2012, , 23-49.		3
93	Mechanisms of Pathogenesis, Infective Dose and Virulence in Human Parasites. PLoS Pathogens, 2012, 8, e1002512.	2.1	95
94	Promiscuity and the evolution of cooperative breeding. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1405-1411.	1.2	61
95	How do communication systems emerge?. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1943-1949.	1.2	62
96	The Dynamics of Cooperative Bacterial Virulence in the Field. Science, 2012, 337, 85-88.	6.0	112
97	Density-dependent fitness benefits in quorum-sensing bacterial populations. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8259-8263.	3.3	269
98	Quorum sensing and the confusion about diffusion. Trends in Microbiology, 2012, 20, 586-594.	3.5	136
99	Spatial Structure and Interspecific Cooperation: Theory and an Empirical Test Using the Mycorrhizal Mutualism. American Naturalist, 2012, 179, E133-E146.	1.0	54
100	Quorum-sensing and cheating in bacterial biofilms. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4765-4771.	1.2	175
101	Kin selection, quorum sensing and virulence in pathogenic bacteria. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3584-3588.	1.2	73
102	Haplodiploidy and the Evolution of Eusociality: Split Sex Ratios. American Naturalist, 2012, 179, 240-256.	1.0	54
103	Pseudocompetition among groups increases human cooperation in a public-goods game. Animal Behaviour, 2012, 84, 947-952.	0.8	44
104	Correlates of Cooperation in a One-Shot High-Stakes Televised Prisoners' Dilemma. PLoS ONE, 2012, 7, e33344.	1.1	10
105	Reciprocal Rewards Stabilize Cooperation in the Mycorrhizal Symbiosis. Science, 2011, 333, 880-882.	6.0	1,373
106	The quantitative genetic basis of sex ratio variation in <i>Nasonia vitripennis</i> : a QTL study. Journal of Evolutionary Biology, 2011, 24, 12-22.	0.8	44
107	The genetical theory of kin selection. Journal of Evolutionary Biology, 2011, 24, 1020-1043.	0.8	336
108	ARE GREENBEARDS INTRAGENOMIC OUTLAWS?. Evolution; International Journal of Organic Evolution, 2011, 65, 2729-2742.	1.1	27

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109	Inclusive fitness theory and eusociality. <i>Nature</i> , 2011, 471, E1-E4.	13.7	339
110	Sexual conflict in viscous populations: The effect of the timing of dispersal. <i>Theoretical Population Biology</i> , 2011, 80, 298-316.	0.5	29
111	Social Evolution: Evolving Sex Ratios. <i>Current Biology</i> , 2011, 21, R992-R994.	1.8	0
112	Sixteen common misconceptions about the evolution of cooperation in humans. <i>Evolution and Human Behavior</i> , 2011, 32, 231-262.	1.4	485
113	Evolutionary Theory and the Ultimateâ€“Proximate Distinction in the Human Behavioral Sciences. <i>Perspectives on Psychological Science</i> , 2011, 6, 38-47.	5.2	496
114	Lethal combat over limited resources: testing the importance of competitors and kin. <i>Behavioral Ecology</i> , 2011, 22, 923-931.	1.0	38
115	Cooperation in humans: competition between groups and proximate emotions. <i>Evolution and Human Behavior</i> , 2010, 31, 104-108.	1.4	67
116	GREENBEARDS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 25-38.	1.1	225
117	THE ENFORCEMENT OF COOPERATION BY POLICING. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 2139-52.	1.1	50
118	Wild, Gardner & West reply. <i>Nature</i> , 2010, 463, E9-E10.	13.7	5
119	Promiscuity and the evolutionary transition to complex societies. <i>Nature</i> , 2010, 466, 969-972.	13.7	324
120	Repression of competition favours cooperation: experimental evidence from bacteria. <i>Journal of Evolutionary Biology</i> , 2010, 23, 699-706.	0.8	32
121	Fitness correlates with the extent of cheating in a bacterium. <i>Journal of Evolutionary Biology</i> , 2010, 23, 738-747.	0.8	83
122	Competition between relatives and the evolution of dispersal in a parasitoid wasp. <i>Journal of Evolutionary Biology</i> , 2010, 23, 1374-1385.	0.8	28
123	Constraints on adaptation: explaining deviation from optimal sex ratio using artificial neural networks. <i>Journal of Evolutionary Biology</i> , 2010, 23, 1708-1719.	0.8	9
124	Resistance to extreme strategies, rather than prosocial preferences, can explain human cooperation in public goods games. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10125-10130.	3.3	72
125	Altruism, Spite, and Greenbeards. <i>Science</i> , 2010, 327, 1341-1344.	6.0	217
126	Virginity and the clutch size behavior of a parasitoid wasp where mothers mate their sons. <i>Behavioral Ecology</i> , 2010, 21, 730-738.	1.0	11



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127	Viscous medium promotes cooperation in the pathogenic bacterium <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3531-3538.	1.2	200
128	Social evolution in micro-organisms and a Trojan horse approach to medical intervention strategies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 3157-3168.	1.8	127
129	Quorum Sensing and the Social Evolution of Bacterial Virulence. <i>Current Biology</i> , 2009, 19, 341-345.	1.8	273
130	Evolution: What Is an Organism?. <i>Current Biology</i> , 2009, 19, R1080-R1082.	1.8	19
131	Male morphology and dishonest signalling in a fig wasp. <i>Animal Behaviour</i> , 2009, 78, 147-153.	0.8	20
132	Extremely female-biased primary sex ratio and precisely constant male production in a parasitoid wasp <i>Melittobia</i> . <i>Animal Behaviour</i> , 2009, 78, 515-523.	0.8	23
133	Adaptation and the evolution of parasite virulence in a connected world. <i>Nature</i> , 2009, 459, 983-986.	13.7	156
134	LIMITED DISPERSAL, BUDDING DISPERSAL, AND COOPERATION: AN EXPERIMENTAL STUDY. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 939-949.	1.1	163
135	DENSITY DEPENDENCE AND COOPERATION: THEORY AND A TEST WITH BACTERIA. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2315-2325.	1.1	115
136	Phenotypic plasticity of a cooperative behaviour in bacteria. <i>Journal of Evolutionary Biology</i> , 2009, 22, 589-598.	0.8	147
137	Routes to indirect fitness in cooperatively breeding vertebrates: kin discrimination and limited dispersal. <i>Journal of Evolutionary Biology</i> , 2009, 22, 2445-2457.	0.8	138
138	Genomic Imprinting and Sex Allocation. <i>American Naturalist</i> , 2009, 173, E1-E14.	1.0	41
139	Sex Allocation. , 2009, , .		425
140	Parasitism and breeding system variation in North American populations of <i>Daphnia pulex</i> . <i>Ecological Research</i> , 2008, 23, 235-240.	0.7	17
141	How host plant variability influences the advantages to learning: A theoretical model for oviposition behaviour in Lepidoptera. <i>Journal of Theoretical Biology</i> , 2008, 251, 404-410.	0.8	14
142	EFFECTS OF SPONTANEOUS MUTATION ACCUMULATION ON SEX RATIO TRAITS IN A PARASITOID WASP. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 1921-1935.	1.1	26
143	Social semantics: how useful has group selection been?. <i>Journal of Evolutionary Biology</i> , 2008, 21, 374-385.	0.8	134
144	Fighting strategies in two species of fig wasp. <i>Animal Behaviour</i> , 2008, 76, 315-322.	0.8	39

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145	Facultative Sex Ratio Adjustment in Natural Populations of Wasps: Cues of Local Mate Competition and the Precision of Adaptation. <i>American Naturalist</i> , 2008, 172, 393-404.	1.0	65
146	Split sex ratios in the social Hymenoptera: a meta-analysis. <i>Behavioral Ecology</i> , 2008, 19, 382-390.	1.0	65
147	Communication in bacteria. , 2008, , 11-32.		6
148	The Relation between Multilocus Population Genetics and Social Evolution Theory. <i>American Naturalist</i> , 2007, 169, 207-226.	1.0	132
149	Frequency Dependence and Cooperation: Theory and a Test with Bacteria. <i>American Naturalist</i> , 2007, 170, 331-342.	1.0	266
150	Spiteful Soldiers and Sex Ratio Conflict in Polyembryonic Parasitoid Wasps. <i>American Naturalist</i> , 2007, 169, 519-533.	1.0	79
151	Group selection and kin selection: Two concepts but one process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6736-6739.	3.3	266
152	Lethal combat and sex ratio evolution in a parasitoid wasp. <i>Behavioral Ecology</i> , 2007, 18, 709-715.	1.0	31
153	Evolutionary theory of bacterial quorum sensing: when is a signal not a signal?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 1241-1249.	1.8	206
154	The Social Lives of Microbes. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2007, 38, 53-77.	3.8	636
155	A Sex Allocation Theory for Vertebrates: Combining Local Resource Competition and Condition-Dependent Allocation. <i>American Naturalist</i> , 2007, 170, E112-E128.	1.0	58
156	The quantitative genetic basis of polyandry in the parasitoid wasp, <i>Nasonia vitripennis</i> . <i>Heredity</i> , 2007, 98, 69-73.	1.2	34
157	Cooperation and conflict in quorum-sensing bacterial populations. <i>Nature</i> , 2007, 450, 411-414.	13.7	737
158	The causes and consequences of variation in offspring size: a case study using <i>Daphnia</i> . <i>Journal of Evolutionary Biology</i> , 2007, 20, 577-587.	0.8	28
159	Social semantics: altruism, cooperation, mutualism, strong reciprocity and group selection. <i>Journal of Evolutionary Biology</i> , 2007, 20, 415-432.	0.8	1,541
160	Siderophore-mediated cooperation and virulence in <i>Pseudomonas aeruginosa</i> . <i>FEMS Microbiology Ecology</i> , 2007, 62, 135-141.	1.3	146
161	Evolutionary Explanations for Cooperation. <i>Current Biology</i> , 2007, 17, R661-R672.	1.8	815
162	Social Evolution: The Decline and Fall of Genetic Kin Recognition. <i>Current Biology</i> , 2007, 17, R810-R812.	1.8	56

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163	Information use in space and time: sex allocation behaviour in the parasitoid wasp <i>Nasonia vitripennis</i> . <i>Animal Behaviour</i> , 2007, 73, 971-977.	0.8	22
164	Laboratory evolution of polyandry in the parasitoid wasp <i>Nasonia vitripennis</i> . <i>Animal Behaviour</i> , 2007, 74, 1147-1154.	0.8	30
165	Lethal male-male combat in the parasitoid <i>Melittobia acasta</i> : are size and competitive environment important?. <i>Animal Behaviour</i> , 2007, 74, 1163-1169.	0.8	28
166	Asymmetric larval competition in the parasitoid wasp <i>Nasonia vitripennis</i> : a role in sex allocation?. <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 1751-1758.	0.6	30
167	Is Bacterial Persistence a Social Trait?. <i>PLoS ONE</i> , 2007, 2, e752.	1.1	83
168	Demography, altruism, and the benefits of budding. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1707-1716.	0.8	189
169	Testing the pluralist approach to sex: the influence of environment on synergistic interactions between mutation load and parasitism in <i>Daphnia magna</i> . <i>Journal of Evolutionary Biology</i> , 2006, 19, 1603-1611.	0.8	19
170	Social evolution theory for microorganisms. <i>Nature Reviews Microbiology</i> , 2006, 4, 597-607.	13.6	993
171	Male influence on sex allocation in the parasitoid wasp <i>Nasonia vitripennis</i> . <i>Behavioral Ecology and Sociobiology</i> , 2006, 59, 829-835.	0.6	47
172	Cooperation and the Scale of Competition in Humans. <i>Current Biology</i> , 2006, 16, 1103-1106.	1.8	181
173	Social Evolution: Cooperation by Conflict. <i>Current Biology</i> , 2006, 16, R365-R367.	1.8	2
174	Altruism. <i>Current Biology</i> , 2006, 16, R482-R483.	1.8	30
175	Spite. <i>Current Biology</i> , 2006, 16, R662-R664.	1.8	35
176	Sex ratios under asymmetrical local mate competition in the parasitoid wasp <i>Nasonia vitripennis</i> . <i>Behavioral Ecology</i> , 2006, 17, 345-352.	1.0	47
177	The evolution of host use and unusual reproductive strategies in <i>Achrysocharoides</i> parasitoid wasps. <i>Journal of Evolutionary Biology</i> , 2005, 18, 1029-1041.	0.8	36
178	SEX-RATIO ADJUSTMENT WHEN RELATIVES INTERACT: A TEST OF CONSTRAINTS ON ADAPTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1211-1228.	1.1	118
179	Evolution: Revenge of the Clones!. <i>Current Biology</i> , 2005, 15, R547-R549.	1.8	2
180	Figs and fig wasps. <i>Current Biology</i> , 2005, 15, R978-R980.	1.8	25

#	ARTICLE	IF	CITATIONS
181	The costs and benefits of host feeding in parasitoids. <i>Animal Behaviour</i> , 2005, 69, 1293-1301.	0.8	55
182	Host cell preference and variable transmission strategies in malaria parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 511-517.	1.2	51
183	The Illusion of Invariant Quantities in Life Histories. <i>Science</i> , 2005, 309, 1236-1239.	6.0	109
184	SEX-RATIO ADJUSTMENT WHEN RELATIVES INTERACT: A TEST OF CONSTRAINTS ON ADAPTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1211.	1.1	10
185	Cooperative Breeders Adjust Offspring Sex Ratios to Produce Helpful Helpers. <i>American Naturalist</i> , 2005, 166, 628-632.	1.0	81
186	A Dimensionless Invariant for Relative Size at Sex Change in Animals: Explanation and Implications. <i>American Naturalist</i> , 2005, 165, 551-566.	1.0	23
187	Sex Ratios under Asymmetrical Local Mate Competition: Theory and a Test with Parasitoid Wasps. <i>American Naturalist</i> , 2005, 166, 301-316.	1.0	100
188	Sex-ratio adjustment when relatives interact: a test of constraints on adaptation. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1211-28.	1.1	41
189	Bacteriocins, spite and virulence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1529-1535.	1.2	208
190	SEX-RATIO EVOLUTION IN SEX CHANGING ANIMALS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1019.	1.1	3
191	Learning, odour preference and flower foraging in moths. <i>Journal of Experimental Biology</i> , 2004, 207, 87-94.	0.8	140
192	Testing Small Clutch Size Models with <i>Daphnia</i> . <i>American Naturalist</i> , 2004, 163, 880-887.	1.0	21
193	Information constraints and the precision of adaptation: Sex ratio manipulation in wasps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10363-10367.	3.3	114
194	ECOLOGY: Spite Among Siblings. <i>Science</i> , 2004, 305, 1413-1414.	6.0	28
195	Spite and the scale of competition. <i>Journal of Evolutionary Biology</i> , 2004, 17, 1195-1203.	0.8	190
196	SEX-RATIO EVOLUTION IN SEX CHANGING ANIMALS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1019-1027.	1.1	82
197	Sex change and relative body size in animals (reply). <i>Nature</i> , 2004, 428, 2-2.	13.7	2
198	Cooperation and competition in pathogenic bacteria. <i>Nature</i> , 2004, 430, 1024-1027.	13.7	901

#	ARTICLE	IF	CITATIONS
199	Wasp sex ratios when females on a patch are related. <i>Animal Behaviour</i> , 2004, 68, 331-336.	0.8	45
200	Maternal Dominance, Maternal Condition, and Offspring Sex Ratio in Ungulate Mammals. <i>American Naturalist</i> , 2004, 163, 40-54.	1.0	406
201	Cooperation and Punishment, Especially in Humans. <i>American Naturalist</i> , 2004, 164, 753-764.	1.0	205
202	<i>Toxoplasma gondii</i> , sex and premature rejection. <i>Trends in Parasitology</i> , 2003, 19, 155-157.	1.5	8
203	Even more extreme fertility insurance and the sex ratios of protozoan blood parasites. <i>Journal of Theoretical Biology</i> , 2003, 223, 515-521.	0.8	43
204	Constant relative age and size at sex change for sequentially hermaphroditic fish. <i>Journal of Evolutionary Biology</i> , 2003, 16, 921-929.	0.8	84
205	Kin discrimination and sex ratios in a parasitoid wasp. <i>Journal of Evolutionary Biology</i> , 2003, 17, 208-216.	0.8	56
206	Host sanctions and the legume-rhizobium mutualism. <i>Nature</i> , 2003, 425, 78-81.	13.7	838
207	Changing sex at the same relative body size. <i>Nature</i> , 2003, 425, 783-784.	13.7	57
208	TESTING FOR EPISTASIS BETWEEN DELETERIOUS MUTATIONS IN A PARASITOID WASP. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1698-1703.	1.1	18
209	Darwinian Agriculture: When Can Humans Find Solutions Beyond The Reach of Natural Selection?. <i>Quarterly Review of Biology</i> , 2003, 78, 145-168.	0.0	161
210	Kin Discrimination and the Benefit of Helping in Cooperatively Breeding Vertebrates. <i>Science</i> , 2003, 302, 634-636.	6.0	370
211	TESTING FOR EPISTASIS BETWEEN DELETERIOUS MUTATIONS IN A PARASITOID WASP. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1698.	1.1	7
212	Cooperation, virulence and siderophore production in bacterial parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 37-44.	1.2	292
213	Sex ratios in the rodent malaria parasite, <i>Plasmodium chabaudi</i> . <i>Parasitology</i> , 2003, 127, 419-425.	0.7	29
214	Cooperation and Competition Between Relatives. <i>Science</i> , 2002, 296, 72-75.	6.0	701
215	Sanctions and mutualism stability: why do rhizobia fix nitrogen?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 685-694.	1.2	292
216	FERTILITY INSURANCE AND THE SEX RATIOS OF MALARIA AND RELATED HEMOSPORIDIN BLOOD PARASITES. <i>Journal of Parasitology</i> , 2002, 88, 258-263.	0.3	63

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217	Fertility Insurance and the Sex Ratios of Malaria and Related Hemospororin Blood Parasites. <i>Journal of Parasitology</i> , 2002, 88, 258.	0.3	3
218	Inbreeding and parasite sex ratios. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 755-760.	1.2	46
219	Using sex ratios: why bother?. , 2002, , 399-413.		14
220	Constraints in the Evolution of Sex Ratio Adjustment. <i>Science</i> , 2002, 295, 1685-1688.	6.0	429
221	Kin selection: fact and fiction. <i>Trends in Ecology and Evolution</i> , 2002, 17, 15-21.	4.2	315
222	Sex ratios of malaria parasites and related protozoa. , 2002, , 314-332.		12
223	A General Model for Host Plant Selection in Phytophagous Insects. <i>Journal of Theoretical Biology</i> , 2002, 214, 499-513.	0.8	69
224	Mediating mutualisms: farm management practices and evolutionary changes in symbiont co-operation. <i>Journal of Applied Ecology</i> , 2002, 39, 745-754.	1.9	89
225	The incidence and diversity of <i>Wolbachia</i> in gallwasps (Hymenoptera; Cynipidae) on oak. <i>Molecular Ecology</i> , 2002, 11, 1815-1829.	2.0	47
226	Sanctions and mutualism stability: when should less beneficial mutualists be tolerated?. <i>Journal of Evolutionary Biology</i> , 2002, 15, 830-837.	0.8	165
227	Sex ratios. <i>Heredity</i> , 2002, 88, 117-124.	1.2	132
228	Pollination and parasitism in functionally dioecious figs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 651-659.	1.2	70
229	Immune stress and facultative sex in a parasitic nematode. <i>Journal of Evolutionary Biology</i> , 2001, 14, 333-337.	0.8	29
230	Understanding patterns of genetic diversity in the oak gallwasp <i>Biorhiza pallida</i> : demographic history or a <i>Wolbachia</i> selective sweep?. <i>Heredity</i> , 2001, 87, 294-304.	1.2	86
231	Host selection in phytophagous insects: a new explanation for learning in adults. <i>Oikos</i> , 2001, 95, 537-543.	1.2	54
232	Testing Hamilton's rule with competition between relatives. <i>Nature</i> , 2001, 409, 510-513.	18.7	253
233	Evolution of gametocyte sex ratios in malaria and related apicomplexan (protozoan) parasites. <i>Trends in Parasitology</i> , 2001, 17, 525-531.	1.5	81
234	Variable host quality, life-history invariants, and the reproductive strategy of a parasitoid wasp that produces single sex clutches. <i>Behavioral Ecology</i> , 2001, 12, 577-583.	1.0	28

#	ARTICLE	IF	CITATIONS
235	Selective Regime and Fig Wasp Sex Ratios: Toward Sorting Rigor from Pseudo-Rigor in Tests of Adaptation. , 2001, , 191-218.		38
236	Using sex ratios to estimate what limits reproduction in parasitoids. Ecology Letters, 2000, 3, 294-299.	3.0	37
237	Paying for sex is not easy. Nature, 2000, 407, 962-962.	13.7	7
238	EVOLUTION: The Benefits of Allocating Sex. Science, 2000, 290, 288-290.	6.0	151
239	Sex allocation and population structure in apicomplexan (protozoa) parasites. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 257-263.	1.2	58
240	Seasonal variation in the sex allocation of a neotropical solitary bee. Behavioral Ecology, 1999, 10, 401-408.	1.0	29
241	A pluralist approach to sex and recombination. Journal of Evolutionary Biology, 1999, 12, 1003-1012.	0.8	467
242	Sex may need more than one. Journal of Evolutionary Biology, 1999, 12, 1053-1055.	0.8	9
243	Sex allocation and clutch size in parasitoid wasps that produce single-sex broods. Animal Behaviour, 1999, 57, 265-275.	0.8	43
244	Maleâ€“killing Wolbachia in two species of insect. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 735-740.	1.2	343
245	Local mate competition, variable fecundity and information use in a parasitoid. Animal Behaviour, 1998, 56, 191-198.	0.8	72
246	Wolbachia in two insect hostâ€“parasitoid communities. Molecular Ecology, 1998, 7, 1457-1465.	2.0	177
247	Learning in the nectar foraging behaviour of <i>Helicoverpa armigera</i> . Ecological Entomology, 1998, 23, 363-369.	1.1	59
248	Stabilizing Selection and Variance in Fig Wasp Sex Ratios. Evolution; International Journal of Organic Evolution, 1998, 52, 475.	1.1	34
249	Influence of Rat Strain on Larval Production by the Parasitic Nematode <i>Strongyloides ratti</i> . Journal of Parasitology, 1998, 84, 1289.	0.3	2
250	Virginity in haplodiploid populations: a comparison of estimation methods. Ecological Entomology, 1998, 23, 207-210.	1.1	18
251	Partial local mate competition and the sex ratio: A study on non-pollinating fig wasps. Journal of Evolutionary Biology, 1998, 11, 531.	0.8	11
252	Alternative mating tactics and extreme male dimorphism in fig wasps. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 747-754.	1.2	90

#	ARTICLE	IF	CITATIONS
253	Conflict of interest in a mutualism: documenting the elusive fig wasp's "seed trade" off. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1501-1507.	1.2	123
254	A comparative study of virginity in fig wasps. <i>Animal Behaviour</i> , 1997, 54, 437-450.	0.8	51
255	Sex Ratio Strategies After Perturbation of the Stable Age Distribution. <i>Journal of Theoretical Biology</i> , 1997, 186, 213-221.	0.8	49
256	Fig-associated wasps: pollinators and parasites, sex ratio adjustment and male polymorphism, population structure and its consequences. , 1997, , 226-239.		89
257	The Relationship between Parasitoid Size and Fitness in the Field, a Study of <i>Achrysocharoides zwoelferi</i> (Hymenoptera: Eulophidae). <i>Journal of Animal Ecology</i> , 1996, 65, 631.	1.3	135
258	The ecology and evolution of the New World non-pollinating fig wasp communities. <i>Journal of Biogeography</i> , 1996, 23, 447-458.	1.4	139
259	The ecology of the New World fig-parasitizing wasps <i>Idarnes</i> and implications for the evolution of the fig's "pollinator mutualism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1994, 258, 67-72.	1.2	150
260	Learning in a Black Box. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
261	Green Blobs and Predatory Beasts: Clues to Multicellularity. <i>Frontiers for Young Minds</i> , 0, 7, .	0.8	0