Stuart West

List of Publications by Year in Descending Order

256 papers	22,887 citations	75 h-index	146 g-index
286 ext. papers	26,558 ext. citations	8.3 avg, IF	7.27 L-index

#	Paper	IF	Citations
256	The evolution of mechanisms to produce phenotypic heterogeneity in microorganisms.. *Nature Communications*, **2022**, 13, 195	17.4	1
255	Kin selection for cooperation in natural bacterial populations.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119,	11.5	2
254	Plasmids do not consistently stabilize cooperation across bacteria but may promote broad pathogen host-range. *Nature Ecology and Evolution*, **2021**, 5, 1624-1636	12.3	7
253	The evolution of cheating in viruses. *Nature Communications*, **2021**, 12, 6928	17.4	2
252	Relatedness and the evolution of mechanisms to divide labor in microorganisms. *Ecology and Evolution*, **2021**, 11, 14475-14489	2.8	2
251	Payoff-based learning best explains the rate of decline in cooperation across 237 public-goods games. *Nature Human Behaviour*, **2021**, 5, 1330-1338	12.8	7
250	Cooperative interactions among females can lead to even more extraordinary sex ratios. *Evolution Letters*, **2021**, 5, 370-384	5.3	1
249	Ten recent insights for our understanding of cooperation. *Nature Ecology and Evolution*, **2021**, 5, 419-430	12.3	17
248	Kin discrimination, negative relatedness, and how to distinguish between selfishness and spite. *Evolution Letters*, **2020**, 4, 65-72	5.3	2
247	The social coevolution hypothesis for the origin of enzymatic cooperation. *Nature Ecology and Evolution*, **2020**, 4, 132-137	12.3	5
246	Compartmentalization drives the evolution of symbiotic cooperation. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2020**, 375, 20190602	5.8	21
245	The cost and benefit of quorum sensing-controlled bacteriocin production in Lactobacillus plantarum. *Journal of Evolutionary Biology*, **2020**, 33, 101-111	2.3	11
244	Crystal toxins and the volunteer's dilemma in bacteria. *Journal of Evolutionary Biology*, **2019**, 32, 310-319	2.3	4
243	Mycorrhizal Fungi Respond to Resource Inequality by Moving Phosphorus from Rich to Poor Patches across Networks. *Current Biology*, **2019**, 29, 2043-2050.e8	6.3	54
242	Functional amyloids promote retention of public goods in bacteria. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20190709	4.4	4
241	Altruism in a virus. *Nature Microbiology*, **2019**, 4, 910-911	26.6	4
240	The costs and benefits of multicellular group formation in algae. *Evolution; International Journal of Organic Evolution*, **2019**, 73, 1296-1308	3.8	10

239	The evolution of collective infectious units in viruses. *Virus Research*, **2019**, 265, 94-101	6.4	15
238	Evolutionary maintenance of genomic diversity within arbuscular mycorrhizal fungi. *Ecology and Evolution*, **2019**, 9, 2425-2435	2.8	4
237	Transmission, relatedness, and the evolution of cooperative symbionts. *Journal of Evolutionary Biology*, **2019**, 32, 1036-1045	2.3	7
236	Honest signaling and the double counting of inclusive fitness. *Evolution Letters*, **2019**, 3, 428-433	5.3	0
235	Adaptation is maintained by the parliament of genes. *Nature Communications*, **2019**, 10, 5163	17.4	9
234	Darwin's aliens. *International Journal of Astrobiology*, **2019**, 18, 1-9	1.4	9
233	Bacteria Use Collective Behavior to Generate Diverse Combat Strategies. *Current Biology*, **2018**, 28, 345-355.e4	9.9	39
232	Symbiont switching and alternative resource acquisition strategies drive mutualism breakdown. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 5229-5234	11.5	52
231	Beneficial coinfection can promote within-host viral diversity. *Virus Evolution*, **2018**, 4, vey028	3.7	20
230	Pleiotropy, cooperation, and the social evolution of genetic architecture. *PLoS Biology*, **2018**, 16, e2006671	9.7	24
229	Modeling relatedness and demography in social evolution. *Evolution Letters*, **2018**, 2, 260-271	5.3	8
228	Division of labour and the evolution of extreme specialization. *Nature Ecology and Evolution*, **2018**, 2, 1161-1167	12.3	37
227	The coevolution of cooperation and cognition in humans. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	9
226	Cooperation facilitates the colonization of harsh environments. *Nature Ecology and Evolution*, **2017**, 1, 57	12.3	64
225	Signalling of information that is neither cryptic nor private. *Journal of Evolutionary Biology*, **2017**, 30, 806-813	2.3	3
224	Sociomics: Using Omic Approaches to Understand Social Evolution. *Trends in Genetics*, **2017**, 33, 408-419	8.5	13
223	Social learning and the demise of costly cooperation in humans. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	17
222	The PSL Polysaccharide Is a Social but Noncheatable Trait in Biofilms. *MBio*, **2017**, 8,	7.8	39

221	Evidence for strategic cooperation in humans. *Proceedings of the Royal Society B: Biological Sciences* , **2017**, 284,	4.4	8
220	Growth rate, transmission mode and virulence in human pathogens. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2017**, 372,	5.8	29
219	Fast-killing parasites can be favoured in spatially structured populations. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2017**, 372,	5.8	11
218	Bacteriocins and the assembly of natural Pseudomonas fluorescens populations. *Journal of Evolutionary Biology*, **2017**, 30, 352-360	2.3	20
217	The evolution of cooperation in simple molecular replicators. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	10
216	Sociovirology: Conflict, Cooperation, and Communication among Viruses. *Cell Host and Microbe*, **2017**, 22, 437-441	23.4	61
215	Kin Selection in the RNA World. *Life*, **2017**, 7,	3	1
214	Cheating and resistance to cheating in natural populations of the bacterium Pseudomonas fluorescens. *Evolution; International Journal of Organic Evolution*, **2017**, 71, 2484-2495	3.8	25
213	Molecular markers reveal reproductive strategies of non-pollinating fig wasps. *Ecological Entomology*, **2017**, 42, 689-696	2.1	3
212	The evolution of host-symbiont dependence. *Nature Communications*, **2017**, 8, 15973	17.4	112
211	Division of labour in microorganisms: an evolutionary perspective. *Nature Reviews Microbiology*, **2016**, 14, 716-723	22.2	72
210	Sibling conflict and dishonest signaling in birds. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 13803-13808	11.5	24
209	Theory of Cooperation **2016**, 1-8		2
208	Unpredictable environments lead to the evolution of parental neglect in birds. *Nature Communications*, **2016**, 7, 10985	17.4	52
207	Misconceptions on the application of biological market theory to the mycorrhizal symbiosis. *Nature Plants*, **2016**, 2, 16063	11.5	16
206	Multicellular group formation in response to predators in the alga Chlorella vulgaris. *Journal of Evolutionary Biology*, **2016**, 29, 551-9	2.3	26
205	Learning in a black box. *Journal of Economic Behavior and Organization*, **2016**, 127, 1-15	1.6	25
204	Evolution: Welcome to Symbiont Prison. *Current Biology*, **2016**, 26, R66-R68	6.3	10

203	Conditional cooperation and confusion in public-goods experiments. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 1291-6	11.5	67
202	Restricting mutualistic partners to enforce trade reliance. *Nature Communications*, **2016**, 7, 10322	17.4	14
201	Pyoverdin cheats fail to invade bacterial populations in stationary phase. *Journal of Evolutionary Biology*, **2016**, 29, 1728-36	2.3	10
200	Cooperation, clumping and the evolution of multicellularity. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20151075	4.4	15
199	Evolutionary biology. Evolving new organisms via symbiosis. *Science*, **2015**, 348, 392-4	33.3	50
198	Payoff-based learning explains the decline in cooperation in public goods games. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20142678	4.4	44
197	Conflict of interest and signal interference lead to the breakdown of honest signaling. *Evolution; International Journal of Organic Evolution*, **2015**, 69, 2371-83	3.8	26
196	Bacteriocin-mediated competition in cystic fibrosis lung infections. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282,	4.4	29
195	The evolution of altruism in humans. *Annual Review of Psychology*, **2015**, 66, 575-99	26.1	135
194	Co-evolutionary dynamics between public good producers and cheats in the bacterium Pseudomonas aeruginosa. *Journal of Evolutionary Biology*, **2015**, 28, 2264-74	2.3	38
193	Fighting in fig wasps: do males avoid killing brothers or do they never meet them?. *Ecological Entomology*, **2015**, 40, 741-747	2.1	4
192	Major evolutionary transitions in individuality. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 10112-9	11.5	174
191	Cooperation, quorum sensing, and evolution of virulence in Staphylococcus aureus. *Infection and Immunity*, **2014**, 82, 1045-51	3.7	77
190	Haplodiploidy and the evolution of eusociality: worker revolution. *American Naturalist*, **2014**, 184, 303-17	3.7	10
189	The niche construction perspective: a critical appraisal. *Evolution; International Journal of Organic Evolution*, **2014**, 68, 1231-43	3.8	136
188	An experimental test of whether cheating is context dependent. *Journal of Evolutionary Biology*, **2014**, 27, 551-6	2.3	44
187	A biological market analysis of the plant-mycorrhizal symbiosis. *Evolution; International Journal of Organic Evolution*, **2014**, 68, 2603-18	3.8	59
186	Bees at war: interspecific battles and nest usurpation in stingless bees. *American Naturalist*, **2014**, 184, 777-86	3.7	16

185	Inexplicably female-biased sex ratios in Melittobia wasps. *Evolution; International Journal of Organic Evolution*, **2014**, 68, 2709-17	3.8	9
184	Toward an evolutionary definition of cheating. *Evolution; International Journal of Organic Evolution*, **2014**, 68, 318-31	3.8	112
183	An experimental study of strong reciprocity in bacteria. *Biology Letters*, **2014**, 10, 20131069	3.6	12
182	Loss of social behaviours in populations of Pseudomonas aeruginosa infecting lungs of patients with cystic fibrosis. *PLoS ONE*, **2014**, 9, e83124	3.7	55
181	Inclusive fitness: 50 years on. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2014**, 369, 20130356	5.8	37
180	Adaptation and inclusive fitness. *Current Biology*, **2013**, 23, R577-84	6.3	100
179	Can natural selection favour altruism between species?. *Journal of Evolutionary Biology*, **2013**, 26, 1854-65	2.3	15
178	Combined inequality in wealth and risk leads to disaster in the climate change game. *Climatic Change*, **2013**, 120, 815-830	4.5	33
177	Ecology, not the genetics of sex determination, determines who helps in eusocial populations. *Current Biology*, **2013**, 23, 2383-7	6.3	50
176	Multicoloured greenbeards, bacteriocin diversity and the rock-paper-scissors game. *Journal of Evolutionary Biology*, **2013**, 26, 2081-94	2.3	31
175	Human behavioral ecology. *Behavioral Ecology*, **2013**, 24, 1043-1045	2.3	4
174	Group formation, relatedness, and the evolution of multicellularity. *Current Biology*, **2013**, 23, 1120-5	6.3	94
173	Fewer invited talks by women in evolutionary biology symposia. *Journal of Evolutionary Biology*, **2013**, 26, 2063-9	2.3	88
172	Haplodiploidy and the evolution of eusociality: worker reproduction. *American Naturalist*, **2013**, 182, 421-38	3.7	14
171	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, 216-21	11.5	92
170	Quorum sensing and the confusion about diffusion. *Trends in Microbiology*, **2012**, 20, 586-94	12.4	114
169	Spatial structure and interspecific cooperation: theory and an empirical test using the mycorrhizal mutualism. *American Naturalist*, **2012**, 179, E133-46	3.7	47
168	Quorum-sensing and cheating in bacterial biofilms. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 4765-71	4.4	122

167	Kin selection, quorum sensing and virulence in pathogenic bacteria. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 3584-8	4.4	58
166	Haplodiploidy and the evolution of eusociality: split sex ratios. *American Naturalist*, **2012**, 179, 240-56	3.7	43
165	Pseudocompetition among groups increases human cooperation in a public-goods game. *Animal Behaviour*, **2012**, 84, 947-952	2.8	35
164	Mechanisms of pathogenesis, infective dose and virulence in human parasites. *PLoS Pathogens*, **2012**, 8, e1002512	7.6	82
163	Promiscuity and the evolution of cooperative breeding. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 1405-11	4.4	53
162	How do communication systems emerge?. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 1943-9	4.4	44
161	The dynamics of cooperative bacterial virulence in the field. *Science*, **2012**, 337, 85-8	33.3	89
160	Density-dependent fitness benefits in quorum-sensing bacterial populations. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 8259-63	11.5	194
159	Correlates of cooperation in a one-shot high-stakes televised prisonersQdilemma. *PLoS ONE*, **2012**, 7, e33344	3.7	7
158	Reciprocal rewards stabilize cooperation in the mycorrhizal symbiosis. *Science*, **2011**, 333, 880-2	33.3	1058
157	The quantitative genetic basis of sex ratio variation in Nasonia vitripennis: a QTL study. *Journal of Evolutionary Biology*, **2011**, 24, 12-22	2.3	25
156	The genetical theory of kin selection. *Journal of Evolutionary Biology*, **2011**, 24, 1020-43	2.3	273
155	Are greenbeards intragenomic outlaws?. *Evolution; International Journal of Organic Evolution*, **2011**, 65, 2729-42	3.8	19
154	Inclusive fitness theory and eusociality. *Nature*, **2011**, 471, E1-4; author reply E9-10	50.4	242
153	Sexual conflict in viscous populations: the effect of the timing of dispersal. *Theoretical Population Biology*, **2011**, 80, 298-316	1.2	25
152	Social evolution: evolving sex ratios. *Current Biology*, **2011**, 21, R992-4	6.3	
151	Sixteen common misconceptions about the evolution of cooperation in humans. *Evolution and Human Behavior*, **2011**, 32, 231-262	4	391
150	Evolutionary Theory and the Ultimate-Proximate Distinction in the Human Behavioral Sciences. *Perspectives on Psychological Science*, **2011**, 6, 38-47	9.8	423

149	Lethal combat over limited resources: testing the importance of competitors and kin. *Behavioral Ecology*, **2011**, 22, 923-931	2.3	28
148	Greenbeards. *Evolution; International Journal of Organic Evolution*, **2010**, 64, 25-38	3.8	186
147	The enforcement of cooperation by policing. *Evolution; International Journal of Organic Evolution*, **2010**, 64, 2139-52	3.8	43
146	Wild, Gardner & West reply. *Nature*, **2010**, 463, E9-E10	50.4	5
145	Promiscuity and the evolutionary transition to complex societies. *Nature*, **2010**, 466, 969-72	50.4	277
144	Repression of competition favours cooperation: experimental evidence from bacteria. *Journal of Evolutionary Biology*, **2010**, 23, 699-706	2.3	29
143	Fitness correlates with the extent of cheating in a bacterium. *Journal of Evolutionary Biology*, **2010**, 23, 738-47	2.3	70
142	Competition between relatives and the evolution of dispersal in a parasitoid wasp. *Journal of Evolutionary Biology*, **2010**, 23, 1374-85	2.3	27
141	Constraints on adaptation: explaining deviation from optimal sex ratio using artificial neural networks. *Journal of Evolutionary Biology*, **2010**, 23, 1708-19	2.3	8
140	Resistance to extreme strategies, rather than prosocial preferences, can explain human cooperation in public goods games. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 10125-30	11.5	62
139	Altruism, spite, and greenbeards. *Science*, **2010**, 327, 1341-4	33.3	175
138	Virginity and the clutch size behavior of a parasitoid wasp where mothers mate their sons. *Behavioral Ecology*, **2010**, 21, 730-738	2.3	8
137	Cooperation in humans: competition between groups and proximate emotions. *Evolution and Human Behavior*, **2010**, 31, 104-108	4	52
136	Viscous medium promotes cooperation in the pathogenic bacterium Pseudomonas aeruginosa. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 3531-8	4.4	147
135	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, 3157-68	5.8	101
134	Quorum sensing and the social evolution of bacterial virulence. *Current Biology*, **2009**, 19, 341-5	6.3	211
133	Evolution: what is an organism?. *Current Biology*, **2009**, 19, R1080-2	6.3	12
132	Male morphology and dishonest signalling in a fig wasp. *Animal Behaviour*, **2009**, 78, 147-153	2.8	16

131	Extremely female-biased primary sex ratio and precisely constant male production in a parasitoid wasp Melittobia. *Animal Behaviour*, **2009**, 78, 515-523	2.8	18
130	Adaptation and the evolution of parasite virulence in a connected world. *Nature*, **2009**, 459, 983-6	50.4	134
129	Limited dispersal, budding dispersal, and cooperation: an experimental study. *Evolution; International Journal of Organic Evolution*, **2009**, 63, 939-49	3.8	133
128	Density dependence and cooperation: theory and a test with bacteria. *Evolution; International Journal of Organic Evolution*, **2009**, 63, 2315-25	3.8	90
127	Phenotypic plasticity of a cooperative behaviour in bacteria. *Journal of Evolutionary Biology*, **2009**, 22, 589-98	2.3	112
126	Routes to indirect fitness in cooperatively breeding vertebrates: kin discrimination and limited dispersal. *Journal of Evolutionary Biology*, **2009**, 22, 2445-57	2.3	117
125	Theory of Cooperation **2009**,		2
124	Genomic imprinting and sex allocation. *American Naturalist*, **2009**, 173, E1-14	3.7	37
123	Sex Allocation **2009**,		367
122	Social semantics: how useful has group selection been?. *Journal of Evolutionary Biology*, **2008**, 21, 374-385	2.3	90
121	Fighting strategies in two species of fig wasp. *Animal Behaviour*, **2008**, 76, 315-322	2.8	35
120	Facultative sex ratio adjustment in natural populations of wasps: cues of local mate competition and the precision of adaptation. *American Naturalist*, **2008**, 172, 393-404	3.7	55
119	Split sex ratios in the social Hymenoptera: a meta-analysis. *Behavioral Ecology*, **2008**, 19, 382-390	2.3	53
118	Parasitism and breeding system variation in North American populations of Daphnia pulex. *Ecological Research*, **2008**, 23, 235-240	1.9	13
117	How host plant variability influences the advantages to learning: a theoretical model for oviposition behaviour in Lepidoptera. *Journal of Theoretical Biology*, **2008**, 251, 404-10	2.3	13
116	Effects of spontaneous mutation accumulation on sex ratio traits in a parasitoid wasp. *Evolution; International Journal of Organic Evolution*, **2008**, 62, 1921-35	3.8	23
115	Communication in bacteria **2008**, 11-32		3
114	A sex allocation theory for vertebrates: combining local resource competition and condition-dependent allocation. *American Naturalist*, **2007**, 170, E112-28	3.7	52

113	The quantitative genetic basis of polyandry in the parasitoid wasp, Nasonia vitripennis. *Heredity*, **2007**, 98, 69-73	3.6	33
112	Cooperation and conflict in quorum-sensing bacterial populations. *Nature*, **2007**, 450, 411-4	50.4	582
111	The causes and consequences of variation in offspring size: a case study using Daphnia. *Journal of Evolutionary Biology*, **2007**, 20, 577-87	2.3	25
110	Social semantics: altruism, cooperation, mutualism, strong reciprocity and group selection. *Journal of Evolutionary Biology*, **2007**, 20, 415-32	2.3	1070
109	Siderophore-mediated cooperation and virulence in Pseudomonas aeruginosa. *FEMS Microbiology Ecology*, **2007**, 62, 135-41	4.3	119
108	Evolutionary explanations for cooperation. *Current Biology*, **2007**, 17, R661-72	6.3	656
107	Social evolution: the decline and fall of genetic kin recognition. *Current Biology*, **2007**, 17, R810-2	6.3	48
106	Information use in space and time: sex allocation behaviour in the parasitoid wasp. *Animal Behaviour*, **2007**, 73, 971-971	2.8	20
105	Laboratory evolution of polyandry in the parasitoid wasp Nasonia vitripennis. *Animal Behaviour*, **2007**, 74, 1147-1154	2.8	24
104	Lethal male–male combat in the parasitoid Melittobia acasta: are size and competitive environment important?. *Animal Behaviour*, **2007**, 74, 1163-1169	2.8	23
103	Asymmetric larval competition in the parasitoid wasp Nasonia vitripennis: a role in sex allocation?. *Behavioral Ecology and Sociobiology*, **2007**, 61, 1751-1758	2.5	29
102	The relation between multilocus population genetics and social evolution theory. *American Naturalist*, **2007**, 169, 207-26	3.7	116
101	Frequency dependence and cooperation: theory and a test with bacteria. *American Naturalist*, **2007**, 170, 331-42	3.7	204
100	Spiteful soldiers and sex ratio conflict in polyembryonic parasitoid wasps. *American Naturalist*, **2007** , 169, 519-33	3.7	73
99	Group selection and kin selection: two concepts but one process. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 6736-9	11.5	197
98	Lethal combat and sex ratio evolution in a parasitoid wasp. *Behavioral Ecology*, **2007**, 18,	2.3	26
97	Evolutionary theory of bacterial quorum sensing: when is a signal not a signal?. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2007**, 362, 1241-9	5.8	173
96	The Social Lives of Microbes. *Annual Review of Ecology, Evolution, and Systematics*, **2007**, 38, 53-77	13.5	478

95	Is bacterial persistence a social trait?. *PLoS ONE*, **2007**, 2, e752	3.7	68
94	Male influence on sex allocation in the parasitoid wasp Nasonia vitripennis. *Behavioral Ecology and Sociobiology*, **2006**, 59, 829-835	2.5	40
93	Cooperation and the scale of competition in humans. *Current Biology*, **2006**, 16, 1103-6	6.3	159
92	Social evolution: cooperation by conflict. *Current Biology*, **2006**, 16, R365-7	6.3	2
91	Altruism. *Current Biology*, **2006**, 16, R482-3	6.3	22
90	Spite. *Current Biology*, **2006**, 16, R662-4	6.3	29
89	Sex ratios under asymmetrical local mate competition in the parasitoid wasp Nasonia vitripennis. *Behavioral Ecology*, **2006**, 17, 345-352	2.3	36
88	Demography, altruism, and the benefits of budding. *Journal of Evolutionary Biology*, **2006**, 19, 1707-16	2.3	150
87	Testing the pluralist approach to sex: the influence of environment on synergistic interactions between mutation load and parasitism in Daphnia magna. *Journal of Evolutionary Biology*, **2006**, 19, 1603-11	2.3	14
86	Social evolution theory for microorganisms. *Nature Reviews Microbiology*, **2006**, 4, 597-607	22.2	797
85	Sex ratios under asymmetrical local mate competition: theory and a test with parasitoid wasps. *American Naturalist*, **2005**, 166, 301-16	3.7	88
84	The evolution of host use and unusual reproductive strategies in Achrysocharoides parasitoid wasps. *Journal of Evolutionary Biology*, **2005**, 18, 1029-41	2.3	33
83	SEX-RATIO ADJUSTMENT WHEN RELATIVES INTERACT: A TEST OF CONSTRAINTS ON ADAPTATION. *Evolution; International Journal of Organic Evolution*, **2005**, 59, 1211-1228	3.8	106
82	Evolution: revenge of the clones!. *Current Biology*, **2005**, 15, R547-9	6.3	2
81	Figs and fig wasps. *Current Biology*, **2005**, 15, R978-80	6.3	19
80	The costs and benefits of host feeding in parasitoids. *Animal Behaviour*, **2005**, 69, 1293-1301	2.8	49
79	Host cell preference and variable transmission strategies in malaria parasites. *Proceedings of the Royal Society B: Biological Sciences*, **2005**, 272, 511-7	4.4	48
78	The illusion of invariant quantities in life histories. *Science*, **2005**, 309, 1236-9	33.3	90

77	SEX-RATIO ADJUSTMENT WHEN RELATIVES INTERACT: A TEST OF CONSTRAINTS ON ADAPTATION. *Evolution; International Journal of Organic Evolution*, **2005**, 59, 1211	3.8	6
76	Cooperative breeders adjust offspring sex ratios to produce helpful helpers. *American Naturalist*, **2005**, 166, 628-32	3.7	72
75	A dimensionless invariant for relative size at sex change in animals: explanation and implications. *American Naturalist*, **2005**, 165, 551-66	3.7	20
74	Sex-ratio adjustment when relatives interact: a test of constraints on adaptation. *Evolution; International Journal of Organic Evolution*, **2005**, 59, 1211-28	3.8	40
73	Bacteriocins, spite and virulence. *Proceedings of the Royal Society B: Biological Sciences*, **2004**, 271, 1529-35	4.4	186
72	SEX-RATIO EVOLUTION IN SEX CHANGING ANIMALS. *Evolution; International Journal of Organic Evolution*, **2004**, 58, 1019	3.8	3
71	Learning, odour preference and flower foraging in moths. *Journal of Experimental Biology*, **2004**, 207, 87-94	3	122
70	Testing small clutch size models with Daphnia. *American Naturalist*, **2004**, 163, 880-7	3.7	20
69	Information constraints and the precision of adaptation: sex ratio manipulation in wasps. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 10363-7	11.5	101
68	Ecology. Spite among siblings. *Science*, **2004**, 305, 1413-4	33.3	24
67	Spite and the scale of competition. *Journal of Evolutionary Biology*, **2004**, 17, 1195-203	2.3	158
66	Sex-ratio evolution in sex changing animals. *Evolution; International Journal of Organic Evolution*, **2004**, 58, 1019-27	3.8	70
65	Sex change and relative body size in animals (reply). *Nature*, **2004**, 428, 2-2	50.4	0
64	Cooperation and competition in pathogenic bacteria. *Nature*, **2004**, 430, 1024-7	50.4	711
63	Wasp sex ratios when females on a patch are related. *Animal Behaviour*, **2004**, 68, 331-336	2.8	38
62	Maternal dominance, maternal condition, and offspring sex ratio in ungulate mammals. *American Naturalist*, **2004**, 163, 40-54	3.7	339
61	Cooperation and Punishment, Especially in Humans. *American Naturalist*, **2004**, 164, 753-764	3.7	180
60	Kin discrimination and sex ratios in a parasitoid wasp. *Journal of Evolutionary Biology*, **2004**, 17, 208-16	2.3	48

59	Sex ratios in the rodent malaria parasite, Plasmodium chabaudi. *Parasitology*, **2003**, 127, 419-25	2.7	28
58	Toxoplasma gondii, sex and premature rejection. *Trends in Parasitology*, **2003**, 19, 155-7; discussion 157-8	3.4	7
57	Even more extreme fertility insurance and the sex ratios of protozoan blood parasites. *Journal of Theoretical Biology*, **2003**, 223, 515-21	2.3	41
56	Constant relative age and size at sex change for sequentially hermaphroditic fish. *Journal of Evolutionary Biology*, **2003**, 16, 921-9	2.3	64
55	Host sanctions and the legume-rhizobium mutualism. *Nature*, **2003**, 425, 78-81	50.4	707
54	Life history: changing sex at the same relative body size. *Nature*, **2003**, 425, 783-4	50.4	46
53	Testing for epistasis between deleterious mutations in a parasitoid wasp. *Evolution; International Journal of Organic Evolution*, **2003**, 57, 1698-703	3.8	18
52	Darwinian agriculture: when can humans find solutions beyond the reach of natural selection?. *Quarterly Review of Biology*, **2003**, 78, 145-68	5.4	133
51	Kin discrimination and the benefit of helping in cooperatively breeding vertebrates. *Science*, **2003**, 302, 634-6	33.3	323
50	TESTING FOR EPISTASIS BETWEEN DELETERIOUS MUTATIONS IN A PARASITOID WASP. *Evolution; International Journal of Organic Evolution*, **2003**, 57, 1698	3.8	7
49	Cooperation, virulence and siderophore production in bacterial parasites. *Proceedings of the Royal Society B: Biological Sciences*, **2003**, 270, 37-44	4.4	243
48	A general model for host plant selection in phytophagous insects. *Journal of Theoretical Biology*, **2002**, 214, 499-513	2.3	59
47	Mediating mutualisms: farm management practices and evolutionary changes in symbiont co-operation. *Journal of Applied Ecology*, **2002**, 39, 745-754	5.8	74
46	The incidence and diversity of Wolbachia in gallwasps (Hymenoptera; Cynipidae) on oak. *Molecular Ecology*, **2002**, 11, 1815-29	5.7	41
45	Sanctions and mutualism stability: when should less beneficial mutualists be tolerated?. *Journal of Evolutionary Biology*, **2002**, 15, 830-837	2.3	143
44	Sex ratios. *Heredity*, **2002**, 88, 117-24	3.6	115
43	Cooperation and competition between relatives. *Science*, **2002**, 296, 72-5	33.3	607
42	Sanctions and mutualism stability: why do rhizobia fix nitrogen?. *Proceedings of the Royal Society B: Biological Sciences*, **2002**, 269, 685-94	4.4	254

41	Fertility insurance and the sex ratios of malaria and related hemospororin blood parasites. *Journal of Parasitology*, **2002**, 88, 258-63	0.9	57
40	Inbreeding and parasite sex ratios. *Proceedings of the Royal Society B: Biological Sciences*, **2002**, 269, 755-60	4.4	40
39	Using sex ratios: why bother? **2002**, 399-413		11
38	Constraints in the evolution of sex ratio adjustment. *Science*, **2002**, 295, 1685-8	33.3	378
37	Kin selection: fact and fiction. *Trends in Ecology and Evolution*, **2002**, 17, 15-21	10.9	278
36	Sex ratios of malaria parasites and related protozoa **2002**, 314-332		7
35	Immune stress and facultative sex in a parasitic nematode. *Journal of Evolutionary Biology*, **2001**, 14, 333-337	2.3	26
34	Understanding patterns of genetic diversity in the oak gallwasp Biorhiza pallida: demographic history or a Wolbachia selective sweep?. *Heredity*, **2001**, 87, 294-304	3.6	71
33	Host selection in phytophagous insects: a new explanation for learning in adults. *Oikos*, **2001**, 95, 537-543	4	45
32	Testing Hamilton's rule with competition between relatives. *Nature*, **2001**, 409, 510-3	50.4	224
31	Evolution of gametocyte sex ratios in malaria and related apicomplexan (protozoan) parasites. *Trends in Parasitology*, **2001**, 17, 525-31	6.4	76
30	Variable host quality, life-history invariants, and the reproductive strategy of a parasitoid wasp that produces single sex clutches. *Behavioral Ecology*, **2001**, 12, 577-583	2.3	23
29	Pollination and parasitism in functionally dioecious figs. *Proceedings of the Royal Society B: Biological Sciences*, **2001**, 268, 651-9	4.4	56
28	Selective Regime and Fig Wasp Sex Ratios: Toward Sorting Rigor from Pseudo-Rigor in Tests of Adaptation **2001**, 191-218		34
27	Using sex ratios to estimate what limits reproduction in parasitoids. *Ecology Letters*, **2000**, 3, 294-299	10	34
26	Paying for sex is not easy. *Nature*, **2000**, 407, 962	50.4	7
25	Evolution. The benefits of allocating sex. *Science*, **2000**, 290, 288-90	33.3	123
24	Sex allocation and population structure in apicomplexan (protozoa) parasites. *Proceedings of the Royal Society B: Biological Sciences*, **2000**, 267, 257-63	4.4	54

23	Seasonal variation in the sex allocation of a neotropical solitary bee. *Behavioral Ecology*, **1999**, 10, 401-408	2.3	23
22	A pluralist approach to sex and recombination. *Journal of Evolutionary Biology*, **1999**, 12, 1003-1012	2.3	377
21	Sex may need more than one. *Journal of Evolutionary Biology*, **1999**, 12, 1053-1055	2.3	9
20	Sex allocation and clutch size in parasitoid wasps that produce single-sex broods. *Animal Behaviour*, **1999**, 57, 265-275	2.8	41
19	Male killing Wolbachia in two species of insect. *Proceedings of the Royal Society B: Biological Sciences*, **1999**, 266, 735-740	4.4	284
18	Local mate competition, variable fecundity and information use in a parasitoid. *Animal Behaviour*, **1998**, 56, 191-8	2.8	63
17	Wolbachia in two insect host-parasitoid communities. *Molecular Ecology*, **1998**, 7, 1457-65	5.7	159
16	Learning in the nectar foraging behaviour of Helicoverpa armigera. *Ecological Entomology*, **1998**, 23, 363-369	2.1	49
15	Stabilizing Selection and Variance in Fig Wasp Sex Ratios. *Evolution; International Journal of Organic Evolution*, **1998**, 52, 475	3.8	30
14	Influence of Rat Strain on Larval Production by the Parasitic Nematode Strongyloides ratti. *Journal of Parasitology*, **1998**, 84, 1289	0.9	1
13	Virginity in haplodiploid populations: a comparison of estimation methods. *Ecological Entomology*, **1998**, 23, 207-210	2.1	16
12	Partial local mate competition and the sex ratio: A study on non-pollinating fig wasps. *Journal of Evolutionary Biology*, **1998**, 11, 531	2.3	7
11	Alternative mating tactics and extreme male dimorphism in fig wasps. *Proceedings of the Royal Society B: Biological Sciences*, **1997**, 264, 747-754	4.4	66
10	Conflict of interest in a mutualism: documenting the elusive fig wasp seed trade off. *Proceedings of the Royal Society B: Biological Sciences*, **1997**, 264, 1501-1507	4.4	111
9	A comparative study of virginity in fig wasps. *Animal Behaviour*, **1997**, 54, 437-50	2.8	47
8	Sex Ratio Strategies After Perturbation of the Stable Age Distribution. *Journal of Theoretical Biology*, **1997**, 186, 213-221	2.3	44
7	Fig associated wasps: pollinators and parasites, sex ratio adjustment and male polymorphism, population structure and its consequences **1997**, 226-239		56
6	The Relationship between Parasitoid Size and Fitness in the Field, a Study of Achrysocharoides zwoelferi (Hymenoptera: Eulophidae). *Journal of Animal Ecology*, **1996**, 65, 631	4.7	99

5	The ecology and evolution of the New World non-pollinating fig wasp communities. *Journal of Biogeography*, **1996**, 23, 447-458	4.1	124
4	The ecology of the New World fig-parasitizing wasps Idarnes and implications for the evolution of the figpollinator mutualism. *Proceedings of the Royal Society B: Biological Sciences*, **1994**, 258, 67-72	4.4	127
3	Learning in a Black Box. *SSRN Electronic Journal*,	1	3
2	The Pseudomonas aeruginosa PSL polysaccharide is a social but non-cheatable trait in biofilms		7
1	What do humans maximize?23-49		1