

Joan E Strassmann

List of Publications by Year in descending order

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160
papers

10,708
citations

36303

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37204

96
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170
all docs

170
docs citations

170
times ranked

5967
citing authors

#	ARTICLE	IF	CITATIONS
1	Microsatellites and kinship. <i>Trends in Ecology and Evolution</i> , 1993, 8, 285-288.	8.7	763
2	Does evolutionary theory need a rethink?. <i>Nature</i> , 2014, 514, 161-164.	27.8	727
3	Kin Selection and Social Insects. <i>BioScience</i> , 1998, 48, 165-175.	4.9	532
4	Altruism and social cheating in the social amoeba <i>Dictyostelium discoideum</i> . <i>Nature</i> , 2000, 408, 965-967.	27.8	424
5	Beyond society: the evolution of organismality. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 3143-3155.	4.0	286
6	Single-Gene Greenbeard Effects in the Social Amoeba <i>Dictyostelium discoideum</i> . <i>Science</i> , 2003, 299, 105-106.	12.6	264
7	Pleiotropy as a mechanism to stabilize cooperation. <i>Nature</i> , 2004, 431, 693-696.	27.8	253
8	Primitive agriculture in a social amoeba. <i>Nature</i> , 2011, 469, 393-396.	27.8	251
9	High relatedness maintains multicellular cooperation in a social amoeba by controlling cheater mutants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8913-8917.	7.1	233
10	Unrelated helpers in a social insect. <i>Nature</i> , 2000, 405, 784-787.	27.8	231
11	Polymorphic Members of the <i>lag</i> Gene Family Mediate Kin Discrimination in <i>Dictyostelium</i> . <i>Current Biology</i> , 2009, 19, 567-572.	3.9	204
12	Kin Discrimination and Cooperation in Microbes. <i>Annual Review of Microbiology</i> , 2011, 65, 349-367.	7.3	191
13	Cooperation among unrelated individuals: the ant foundress case. <i>Trends in Ecology and Evolution</i> , 1999, 14, 477-482.	8.7	188
14	Kin preference in a social microbe. <i>Nature</i> , 2006, 442, 881-882.	27.8	186
15	Evolution of cooperation and control of cheating in a social microbe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10855-10862.	7.1	186
16	Unicolonial ants: where do they come from, what are they and where are they going?. <i>Trends in Ecology and Evolution</i> , 2009, 24, 341-349.	8.7	183
17	Evolution of microbial markets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1237-1244.	7.1	180
18	Mate number, kin selection and social conflicts in stingless bees and honeybees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 379-384.	2.6	145

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19	Comparative genomics of the social amoebae <i>Dictyostelium discoideum</i> and <i>Dictyostelium purpureum</i> . <i>Genome Biology</i> , 2011, 12, R20.	9.6	141
20	Facultative cheater mutants reveal the genetic complexity of cooperation in social amoebae. <i>Nature</i> , 2008, 451, 1107-1110.	27.8	137
21	Kin Discrimination Increases with Genetic Distance in a Social Amoeba. <i>PLoS Biology</i> , 2008, 6, e287.	5.6	127
22	Evolutionary implications of early male and satellite nest production in <i>Polistes exclamans</i> colony cycles. <i>Behavioral Ecology and Sociobiology</i> , 1981, 8, 55-64.	1.4	118
23	Gerontocracy in the social wasp, <i>Polistes exclamans</i> . <i>Animal Behaviour</i> , 1983, 31, 431-438.	1.9	116
24	The costs and benefits of being a chimera. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2357-2362.	2.6	112
25	High Relatedness Is Necessary and Sufficient to Maintain Multicellularity in <i>Dictyostelium</i> . <i>Science</i> , 2011, 334, 1548-1551.	12.6	109
26	THE SOCIAL ORGANISM: CONGRESSES, PARTIES, AND COMMITTEES. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 605-616.	2.3	108
27	A selfish strategy of social insect workers that promotes social cohesion. <i>Nature</i> , 1993, 365, 639-641.	27.8	103
28	<i>Burkholderia</i> bacteria infectiously induce the proto-farming symbiosis of <i>Dictyostelium</i> amoebae and food bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5029-37.	7.1	98
29	A Phylogenetic Perspective on Sequence Evolution in Microsatellite Loci. <i>Journal of Molecular Evolution</i> , 2000, 50, 324-338.	1.8	95
30	Reproduction in foundress associations of the social wasp, <i>Polistes carolina</i> : conventions, competition, and skew. <i>Behavioral Ecology</i> , 2002, 13, 531-542.	2.2	91
31	Parasitoids, Predators, and Group Size in the Paper Wasp, <i>Polistes Exclamans</i> . <i>Ecology</i> , 1981, 62, 1225-1233.	3.2	85
32	Insertions, substitutions, and the origin of microsatellites. <i>Genetical Research</i> , 2000, 76, 227-236.	0.9	84
33	Age Is More Important Than Size in Determining Dominance Among Workers in the Primitively Eusocial Wasp, <i>Polistes Instabilis</i> . <i>Behaviour</i> , 1988, 107, 1-14.	0.8	80
34	Genetic relatedness in primitively eusocial wasps. <i>Nature</i> , 1989, 342, 268-270.	27.8	74
35	Insect societies as divided organisms: The complexities of purpose and cross-purpose. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8619-8626.	7.1	74
36	Wasp Reproduction and Kin Selection: Reproductive Competition and Dominance Hierarchies among <i>Polistes annularis</i> Foundresses. <i>Florida Entomologist</i> , 1981, 64, 74.	0.5	73

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37	DNA methylation is widespread across social Hymenoptera. <i>Current Biology</i> , 2008, 18, R287-R288.	3.9	72
38	Kin selection and eusociality. <i>Nature</i> , 2011, 471, E5-E6.	27.8	71
39	Fruiting bodies of the social amoeba <i>Dictyostelium discoideum</i> increase spore transport by <i>Drosophila</i> . <i>BMC Evolutionary Biology</i> , 2014, 14, 105.	3.2	71
40	Testing the kinship theory of intragenomic conflict in honey bees (<i>Apis mellifera</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1020-1025.	7.1	69
41	The Many Selves of Social Insects. <i>Science</i> , 2002, 296, 311-313.	12.6	67
42	Variation, Sex, and Social Cooperation: Molecular Population Genetics of the Social Amoeba <i>Dictyostelium discoideum</i> . <i>PLoS Genetics</i> , 2010, 6, e1001013.	3.5	67
43	Ancient Conservation of Trinucleotide Microsatellite Loci in Polistine Wasps. <i>Molecular Phylogenetics and Evolution</i> , 1998, 10, 168-177.	2.7	66
44	Cheater-resistance is not futile. <i>Nature</i> , 2009, 461, 980-982.	27.8	66
45	Social amoeba farmers carry defensive symbionts to protect and privatize their crops. <i>Nature Communications</i> , 2013, 4, 2385.	12.8	65
46	Predation and the Evolution of Sociality in the Paper Wasp <i>Polistes Bellicosus</i> . <i>Ecology</i> , 1988, 69, 1497-1505.	3.2	63
47	Relatedness and queen number in the Neotropical wasp, <i>Parachartergus colobopterus</i> . <i>Animal Behaviour</i> , 1991, 42, 461-470.	1.9	63
48	A bacterial symbiont is converted from an inedible producer of beneficial molecules into food by a single mutation in the <i>gacA</i> gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14528-14533.	7.1	63
49	Male production in stingless bees: variable outcomes of queen-worker conflict. <i>Molecular Ecology</i> , 2002, 11, 2661-2667.	3.9	62
50	PHYLOGENETIC RELATIONSHIPS AMONG PAPER WASP SOCIAL PARASITES AND THEIR HOSTS (HYMENOPTERA: Tj FTQq0 0 0 rgBT /Ove	3.3	60
51	The phylogeny of the social wasp subfamily Polistinae: evidence from microsatellite flanking sequences, mitochondrial COI sequence, and morphological characters. <i>BMC Evolutionary Biology</i> , 2004, 4, 8.	3.2	59
52	Problems of multi-species organisms: endosymbionts to holobionts. <i>Biology and Philosophy</i> , 2016, 31, 855-873.	1.4	56
53	Physical variability among nest foundresses in the polygynous social wasp, <i>Polistes annularis</i> . <i>Behavioral Ecology and Sociobiology</i> , 1984, 15, 249-256.	1.4	54
54	Can cuticular lipids provide sufficient information for within-colony nepotism in wasps?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 745-753.	2.6	54

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55	Evolutionary Conflict. Annual Review of Ecology, Evolution, and Systematics, 2018, 49, 73-93.	8.3	53
56	A New Classification of the Dictyostelids. Protist, 2018, 169, 1-28.	1.5	52
57	Genomic Signatures of Cooperation and Conflict in the Social Amoeba. Current Biology, 2015, 25, 1661-1665.	3.9	51
58	Whole Genome Sequencing of Mutation Accumulation Lines Reveals a Low Mutation Rate in the Social Amoeba Dictyostelium discoideum. PLoS ONE, 2012, 7, e46759.	2.5	50
59	Privatization and property in biology. Animal Behaviour, 2014, 92, 305-311.	1.9	49
60	Synergistic activity of cosecreted natural products from amoebae-associated bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3758-3763.	7.1	49
61	Endosymbiotic adaptations in three new bacterial species associated with <i>Dictyostelium discoideum</i> : <i>Paraburkholderia agricolaris</i> sp. nov., <i>Paraburkholderia hayleyella</i> sp. nov., and <i>Paraburkholderia bonniea</i> sp. nov. PeerJ, 2020, 8, e9151.	2.0	49
62	Microsatellite variation in a social insect. Biochemical Genetics, 1993, 31, 87-96.	1.7	48
63	Wasps fail to make distinctions. Nature, 1990, 344, 388-388.	27.8	45
64	The Cost of Queen Loss in the Social Wasp <i>Polistes dominulus</i> (Hymenoptera: Vespidae). Journal of the Kansas Entomological Society, 2004, 77, 343-355.	0.2	45
65	Ancient bacteria-amoeba relationships and pathogenic animal bacteria. PLoS Biology, 2017, 15, e2002460.	5.6	44
66	Exploiting new terrain: an advantage to sociality in the slime mold <i>Dictyostelium discoideum</i> . Behavioral Ecology, 2007, 18, 433-437.	2.2	42
67	Symbiont location, host fitness, and possible coadaptation in a symbiosis between social amoebae and bacteria. ELife, 2018, 7, .	6.0	42
68	A Search for Parent-of-Origin Effects on Honey Bee Gene Expression. G3: Genes, Genomes, Genetics, 2015, 5, 1657-1662.	1.8	41
69	<i>Burkholderia</i> bacteria use chemotaxis to find social amoeba <i>Dictyostelium discoideum</i> hosts. ISME Journal, 2018, 12, 1977-1993.	9.8	41
70	Altruism and relatedness at colony foundation in social insects. Trends in Ecology and Evolution, 1989, 4, 371-374.	8.7	40
71	CONFLICTS OF INTEREST IN SOCIAL INSECTS: MALE PRODUCTION IN TWO SPECIES OF <i>POLISTES</i> . Evolution; International Journal of Organic Evolution, 1998, 52, 797-805.	2.3	40
72	The specificity of <i>Burkholderia</i> symbionts in the social amoeba farming symbiosis: Prevalence, species, genetic and phenotypic diversity. Molecular Ecology, 2019, 28, 847-862.	3.9	40

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73	Genome Nucleotide Composition Shapes Variation in Simple Sequence Repeats. <i>Molecular Biology and Evolution</i> , 2011, 28, 899-909.	8.9	39
74	Absence of within-colony kin discrimination in behavioural interactions of swarm-founding wasps. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1565-1570.	2.6	38
75	Caste totipotency and conflict in a large-colony social insect. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 263-270.	2.6	38
76	Structured growth and genetic drift raise relatedness in the social amoeba <i>Dictyostelium discoideum</i> . <i>Biology Letters</i> , 2012, 8, 794-797.	2.3	38
77	Genetic relatedness and incipient eusociality in stenogastrine wasps. <i>Animal Behaviour</i> , 1994, 48, 813-821.	1.9	37
78	PHYLOGENY, REPRODUCTIVE ISOLATION AND KIN RECOGNITION IN THE SOCIAL AMOEBADICTYOSTELIUM PURPUREUM. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 542-548.	2.3	34
79	Control of reproduction in social insect colonies: individual and collective relatedness preferences in the paper wasp, <i>Polistes annularis</i> . <i>Behavioral Ecology and Sociobiology</i> , 1997, 40, 3-16.	1.4	33
80	The genetic structure of swarms and the timing of their production in the queen cycles of neotropical wasps. <i>Molecular Ecology</i> , 1998, 7, 709-718.	3.9	33
81	Genetic and behavioral conflict over male production between workers and queens in the stingless bee <i>Paratrigona subnuda</i> . <i>Behavioral Ecology and Sociobiology</i> , 2002, 53, 1-8.	1.4	33
82	Sentinel cells, symbiotic bacteria and toxin resistance in the social amoeba <i>Dictyostelium discoideum</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152727.	2.6	32
83	Demographic and Genetic Evidence for Cyclical Changes in Queen Number in a Neotropical Wasp, <i>Polybia emaciata</i> . <i>American Naturalist</i> , 1992, 140, 363-372.	2.1	31
84	An Unusually Low Microsatellite Mutation Rate in <i>Dictyostelium discoideum</i> , an Organism With Unusually Abundant Microsatellites. <i>Genetics</i> , 2007, 177, 1499-1507.	2.9	31
85	Queen Succession in the Social Wasp, <i>Polistes annularis</i> . <i>Ethology</i> , 1987, 76, 124-132.	1.1	31
86	High relatedness in a social amoeba: the role of kin-discriminatory segregation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2619-2624.	2.6	31
87	Genetic signatures of microbial altruism and cheating in social amoebas in the wild. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3096-3101.	7.1	31
88	Relatedness and altruism in <i>Polistes</i> wasps. <i>Behavioral Ecology</i> , 1993, 4, 128-137.	2.2	30
89	Queens, not workers, produce the males in the stingless bee <i>Schwarziana quadripunctata</i> . <i>Animal Behaviour</i> , 2003, 66, 359-368.	1.9	30
90	Diversity of Free-Living Environmental Bacteria and Their Interactions With a Bactivorous Amoeba. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 411.	3.9	29

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91	POPULATION STRUCTURE AND KINSHIP IN <i>POLISTES</i> (HYMENOPTERA, VESPIDAE): AN ANALYSIS USING RIBOSOMAL DNA AND PROTEIN ELECTROPHORESIS. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 1242-1253.	2.3	27
92	The queen is not a pacemaker in the small-colony wasps <i>Polistes instabilis</i> and <i>P. dominulus</i> . <i>Animal Behaviour</i> , 2006, 71, 1197-1203.	1.9	27
93	The role of queens in colonies of the swarm-founding wasp <i>Parachartergus colobopterus</i> . <i>Animal Behaviour</i> , 2000, 59, 841-848.	1.9	26
94	An invitation to die: initiators of sociality in a social amoeba become selfish spores. <i>Biology Letters</i> , 2010, 6, 800-802.	2.3	26
95	Empowering 21st Century Biology. <i>BioScience</i> , 2010, 60, 923-930.	4.9	24
96	FEMALE-BIASED SEX RATIOS IN SOCIAL INSECTS LACKING MORPHOLOGICAL CASTES. <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 256-266.	2.3	23
97	Discovery of a large clonal patch of a social amoeba: implications for social evolution. <i>Molecular Ecology</i> , 2009, 18, 1273-1281.	3.9	23
98	Fine-scale spatial ecology drives kin selection relatedness among cooperating amoebae. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 848-859.	2.3	23
99	Segregate or cooperate- a study of the interaction between two species of <i>Dictyostelium</i> . <i>BMC Evolutionary Biology</i> , 2008, 8, 293.	3.2	22
100	Which phenotypic traits of <i>Dictyostelium discoideum</i> farmers are conferred by their bacterial symbionts?. <i>Symbiosis</i> , 2016, 68, 39-48.	2.3	22
101	How social evolution theory impacts our understanding of development in the social amoeba <i>Dictyostelium</i> . <i>Development Growth and Differentiation</i> , 2011, 53, 597-607.	1.5	21
102	Aggression and worker control of caste fate in a multiple-queen wasp, <i>Parachartergus colobopterus</i> . <i>Animal Behaviour</i> , 2004, 67, 1-10.	1.9	20
103	Fitness costs and benefits vary for two facultative <i>Burkholderia</i> symbionts of the social amoeba, <i>Dictyostelium discoideum</i> . <i>Ecology and Evolution</i> , 2019, 9, 9878-9890.	1.9	20
104	Family quarrels in seeds and rapid adaptive evolution in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9463-9468.	7.1	20
105	Lack of kin discrimination during wasp colony fission. <i>Behavioral Ecology</i> , 1998, 9, 172-176.	2.2	19
106	The Rate and Effects of Spontaneous Mutation on Fitness Traits in the Social Amoeba, <i>Dictyostelium discoideum</i> . <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1115-1127.	1.8	19
107	Kin discrimination and possible cryptic species in the social amoeba <i>Polysphondylium violaceum</i> . <i>BMC Evolutionary Biology</i> , 2011, 11, 31.	3.2	18
108	A new social gene in <i>Dictyostelium discoideum</i> , <i>chtB</i> . <i>BMC Evolutionary Biology</i> , 2013, 13, 4.	3.2	18

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109	Bacterial cheaters. <i>Nature</i> , 2000, 404, 555-556.	27.8	17
110	Dictyostelium Development Shows a Novel Pattern of Evolutionary Conservation. <i>Molecular Biology and Evolution</i> , 2013, 30, 977-984.	8.9	17
111	Reply from G. Bernasconi and J.E. Strassmann. <i>Trends in Ecology and Evolution</i> , 2000, 15, 117.	8.7	16
112	Cheating does not explain selective differences at high and low relatedness in a social amoeba. <i>BMC Evolutionary Biology</i> , 2010, 10, 76.	3.2	16
113	Foundress Mortality after Worker Emergence in Social Wasps (<i>Polistes</i>). <i>Ethology</i> , 1988, 79, 265-280.	1.1	16
114	Kin Discrimination in <i>Dictyostelium</i> Social Amoebae. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 378-383.	1.7	16
115	Colony Defense in the Social Wasp, <i>Parachartergus colobopterus</i> . <i>Biotropica</i> , 1990, 22, 324.	1.6	15
116	In the social amoeba <i>Dictyostelium discoideum</i> , density, not farming status, determines predatory success on unpalatable <i>Escherichia coli</i> . <i>BMC Microbiology</i> , 2014, 14, 328.	3.3	15
117	Conflicts of Interest in Social Insects: Male Production in Two Species of <i>Polistes</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 797.	2.3	14
118	Why Wasp Foundresses Change Nests: Relatedness, Dominance, and Nest Quality. <i>PLoS ONE</i> , 2012, 7, e45386.	2.5	14
119	The veil of ignorance can favour biological cooperation. <i>Biology Letters</i> , 2013, 9, 20130365.	2.3	14
120	Cooperation and conflict in the social amoeba <i>Dictyostelium discoideum</i> . <i>International Journal of Developmental Biology</i> , 2019, 63, 371-382.	0.6	14
121	Amino Acid Repeats Cause Extraordinary Coding Sequence Variation in the Social Amoeba <i>Dictyostelium discoideum</i> . <i>PLoS ONE</i> , 2012, 7, e46150.	2.5	14
122	Kin discrimination in the tropical swarm-founding wasp, <i>Parachartergus colobopterus</i> . <i>Animal Behaviour</i> , 1990, 40, 598-601.	1.9	13
123	Weak queen or social contract?. <i>Nature</i> , 1993, 363, 502-503.	27.8	13
124	<i>Polistes dominulus</i> (Hymenoptera, Vespidae) Larvae Show Different Cuticular Patterns According to their Sex: Workers Seem Not Use This Chemical Information. <i>Chemical Senses</i> , 2008, 34, 195-202.	2.0	13
125	Phylogeography and sexual macrocyst formation in the social amoeba <i>Dictyostelium giganteum</i> . <i>BMC Evolutionary Biology</i> , 2010, 10, 17.	3.2	13
126	Genetic diversity in the social amoeba <i>Dictyostelium discoideum</i> : Population differentiation and cryptic species. <i>Molecular Phylogenetics and Evolution</i> , 2011, 60, 455-462.	2.7	13

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127	In the light of evolution V: Cooperation and conflict. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10787-10791.	7.1	13
128	Experimental evolution of multicellularity using microbial pseudo-organisms. Biology Letters, 2013, 9, 20120636.	2.3	12
129	Wild <i>Dictyostelium discoideum</i> social amoebae show plastic responses to the presence of nonrelatives during multicellular development. Ecology and Evolution, 2020, 10, 1119-1134.	1.9	12
130	Context dependence in the symbiosis between <i>Dictyostelium discoideum</i> and <i>Paraburkholderia</i> . Evolution Letters, 2022, 6, 245-254.	3.3	12
131	Rank crime and punishment. Nature, 2004, 432, 160-161.	27.8	11
132	Loss and resiliency of social amoeba symbiosis under simulated warming. Ecology and Evolution, 2020, 10, 13182-13189.	1.9	11
133	Novel Chlamydiae and <i>Amoebophilus</i> endosymbionts are prevalent in wild isolates of the model social amoeba <i>Dictyostelium discoideum</i> . Environmental Microbiology Reports, 2021, 13, 708-719.	2.4	11
134	Phylogenetic Relationships Among Paper Wasp Social Parasites and Their Hosts (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 44	3.3	11
135	Group Colony Foundation in <i>Polistes Annularis</i> (Hymenoptera: Vespidae). Psyche: Journal of Entomology, 1989, 96, 223-236.	0.9	10
136	Relatedness of Workers to Brood in the Social Wasp, <i>Polistes exclamans</i> (Hymenoptera: Vespidae). Zeitschrift für Tierpsychologie, 1985, 69, 141-148.	0.2	10
137	Collection and Cultivation of Dictyostelids from the Wild. Methods in Molecular Biology, 2013, 983, 113-124.	0.9	10
138	Low Base-Substitution Mutation Rate but High Rate of Slippage Mutations in the Sequence Repeat-Rich Genome of <i>Dictyostelium discoideum</i> . G3: Genes, Genomes, Genetics, 2020, 10, 3445-3452.	1.8	10
139	Costs and benefits of colony aggregation in the social wasp, <i>Polistes annularis</i> . Behavioral Ecology, 1991, 2, 204-209.	2.2	9
140	Migration in the social stage of <i>Dictyostelium discoideum</i> amoebae impacts competition. PeerJ, 2015, 3, e1352.	2.0	9
141	Polymorphic microsatellite loci for primitively eusocial Stenogastrine wasps. Molecular Ecology, 2000, 9, 2203-2205.	3.9	8
142	Tribute to Tinbergen: The Place of Animal Behavior in Biology. Ethology, 2014, 120, 123-126.	1.1	8
143	Loss of the Polyketide Synthase StlB Results in Stalk Cell Overproduction in <i>Polysphondylium violaceum</i> . Genome Biology and Evolution, 2020, 12, 674-683.	2.5	8
144	Female-Biased Sex Ratios in Social Insects Lacking Morphological Castes. Evolution; International Journal of Organic Evolution, 1984, 38, 256.	2.3	7

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145	Measuring Cheating, Fitness, and Segregation in <i>Dictyostelium discoideum</i> . <i>Methods in Molecular Biology</i> , 2013, 983, 231-248.	0.9	5
146	Microsatellite variation in a social insect. <i>Biochemical Genetics</i> , 1993, 31, 87-96.	1.7	5
147	Trinucleotide microsatellite loci and increased heterozygosity in cross-species applications in the social wasp, <i>Polistes</i> . <i>Biochemical Genetics</i> , 1997, 35, 273-279.	1.7	4
148	Mind the gap: a comparative study of migratory behavior in social amoebae. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 1291-1296.	1.4	4
149	<i>Dictyostelia</i> . , 2017, , 1433-1477.		3
150	Social Evolution: Ant Eggs Lacking Totipotency. <i>Current Biology</i> , 2008, 18, R299-R301.	3.9	2
151	Predator-by-Environment Interactions Mediate Bacterial Competition in the <i>Dictyostelium discoideum</i> Microbiome. <i>Frontiers in Microbiology</i> , 2018, 9, 781.	3.5	2
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