Joan E Strassmann

List of Publications by Year
in descending order

160	10,708	36303	37204
papers	citations	51 h-index	96 g-index

170	170	170	5967
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Animal agriculturalists The Convergent Evolution of Agriculture in Humans and Insects Ted R. Schultz, Richard Gawne, Peter N. Peregrine, Eds. MIT Press, 2022. 338 pp.. Science, 2022, 376, 359-359.	12.6	1
2	Context dependence in the symbiosis betweenDictyostelium discoideumandParaburkholderia. Evolution Letters, 2022, 6, 245-254.	3.3	12
3	Inference of symbiotic adaptations in nature using experimental evolution. Evolution; International Journal of Organic Evolution, 2021, 75, 945-955.	2.3	2
4	Novel Chlamydiae and Amoebophilus endosymbionts are prevalent in wild isolates of the model social amoeba Dictyostelium discoideum. Environmental Microbiology Reports, 2021, 13, 708-719.	2.4	11
5	Loss of the Polyketide Synthase StlB Results in Stalk Cell Overproduction in Polysphondylium violaceum. Genome Biology and Evolution, 2020, 12, 674-683.	2.5	8
6	Low Base-Substitution Mutation Rate but High Rate of Slippage Mutations in the Sequence Repeat-Rich Genome of Dictyostelium discoideum. G3: Genes, Genomes, Genetics, 2020, 10, 3445-3452.	1.8	10
7	Loss and resiliency of social amoeba symbiosis under simulated warming. Ecology and Evolution, 2020, 10, 13182-13189.	1.9	11
8	Wild Dictyostelium discoideum social amoebae show plastic responses to the presence of nonrelatives during multicellular development. Ecology and Evolution, 2020, 10, 1119-1134.	1.9	12
9	Endosymbiotic adaptations in three new bacterial species associated with Dictyostelium discoideum: Paraburkholderia agricolaris sp. nov., Paraburkholderia hayleyella sp. nov., and Paraburkholderia bonniea sp. nov. PeerJ, 2020, 8, e9151.	2.0	49
10	Fitness costs and benefits vary for two facultative Burkholderia symbionts of the social amoeba, Dictyostelium discoideum. Ecology and Evolution, 2019, 9, 9878-9890.	1.9	20
11	Dictyostelium, the Social Amoeba. , 2019, , 63-72.		0
12	Family quarrels in seeds and rapid adaptive evolution in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9463-9468.	7.1	20
13	Microbes: Social Evolution. , 2019, , 651-660.		0
14	Cooperation and conflict in the social amoeba Dictyostelium discoideum. International Journal of Developmental Biology, 2019, 63, 371-382.	0.6	14
15	The specificity of Burkholderia symbionts in the social amoeba farming symbiosis: Prevalence, species, genetic and phenotypic diversity. Molecular Ecology, 2019, 28, 847-862.	3.9	40
16	Genetic signatures of microbial altruism and cheating in social amoebas in the wild. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3096-3101.	7.1	31
17	A New Classification of the Dictyostelids. Protist, 2018, 169, 1-28.	1.5	52
18	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

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19	Diversity of Free-Living Environmental Bacteria and Their Interactions With a Bactivorous Amoeba. Frontiers in Cellular and Infection Microbiology, 2018, 8, 411.	3.9	29
20	Burkholderia bacteria use chemotaxis to find social amoeba Dictyostelium discoideum hosts. ISME Journal, 2018, 12, 1977-1993.	9.8	41
21	Predator-by-Environment Interactions Mediate Bacterial Competition in the Dictyostelium discoideum Microbiome. Frontiers in Microbiology, 2018, 9, 781.	3.5	2
22	Evolutionary Conflict. Annual Review of Ecology, Evolution, and Systematics, 2018, 49, 73-93.	8.3	53
23	Symbiont location, host fitness, and possible coadaptation in a symbiosis between social amoebae and bacteria. ELife, 2018, 7, .	6.0	42
24	Dictyostelia. , 2017, , 1433-1477.		3
25	Dictyostelia. , 2017, , 1-45.		1
26	Ancient bacteriaâ€“amoeba relationships and pathogenic animal bacteria. PLoS Biology, 2017, 15, e2002460.	5.6	44
27	Sentinel cells, symbiotic bacteria and toxin resistance in the social amoeba Dictyostelium discoideum. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152727.	2.6	32
28	Problems of multi-species organisms: endosymbionts to holobionts. Biology and Philosophy, 2016, 31, 855-873.	1.4	56
29	Kin Discrimination in Dictyostelium Social Amoebae. Journal of Eukaryotic Microbiology, 2016, 63, 378-383.	1.7	16
30	Which phenotypic traits of Dictyostelium discoideum farmers are conferred by their bacterial symbionts?. Symbiosis, 2016, 68, 39-48.	2.3	22
31	Fine-scale spatial ecology drives kin selection relatedness among cooperating amoebae. Evolution; International Journal of Organic Evolution, 2016, 70, 848-859.	2.3	23
32	Testing the kinship theory of intragenomic conflict in honey bees (Apis mellifera). Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1020-1025.	7.1	69
33	Genomic Signatures of Cooperation and Conflict in the Social Amoeba. Current Biology, 2015, 25, 1661-1665.	3.9	51
34	A Search for Parent-of-Origin Effects on Honey Bee Gene Expression. G3: Genes, Genomes, Genetics, 2015, 5, 1657-1662.	1.8	41
35	Burkholderia bacteria infectiously induce the proto-farming symbiosis of Dictyostelium amoebae and food bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5029-37.	7.1	98
36	Migration in the social stage ofDictyostelium discoideumamoebae impacts competition. PeerJ, 2015, 3, e1352.	2.0	9

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37	Evolution of microbial markets. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1237-1244.	7.1	180
38	In the social amoeba Dictyostelium discoideum, density, not farming status, determines predatory success on unpalatable Escherichia coli. BMC Microbiology, 2014, 14, 328.	3.3	15
39	Tribute to Tinbergen: The Place of Animal Behavior in Biology. Ethology, 2014, 120, 123-126.	1.1	8
40	Fruiting bodies of the social amoeba Dictyostelium discoideum increase spore transport by Drosophila. BMC Evolutionary Biology, 2014, 14, 105.	3.2	71
41	Privatization and property in biology. Animal Behaviour, 2014, 92, 305-311.	1.9	49
42	Does evolutionary theory need a rethink?. Nature, 2014, 514, 161-164.	27.8	727
43	A new social gene in Dictyostelium discoideum, chtB. BMC Evolutionary Biology, 2013, 13, 4.	3.2	18
44	Social amoeba farmers carry defensive symbionts to protect and privatize their crops. Nature Communications, 2013, 4, 2385.	12.8	65
45	The veil of ignorance can favour biological cooperation. Biology Letters, 2013, 9, 20130365.	2.3	14
46	Collection and Cultivation of Dictyostelids from the Wild. Methods in Molecular Biology, 2013, 983, 113-124.	0.9	10
47	Measuring Cheating, Fitness, and Segregation in Dictyostelium discoideum. Methods in Molecular Biology, 2013, 983, 231-248.	0.9	5
48	Experimental evolution of multicellularity using microbial pseudo-organisms. Biology Letters, 2013, 9, 20120636.	2.3	12
49	Dictyostelium Development Shows a Novel Pattern of Evolutionary Conservation. Molecular Biology and Evolution, 2013, 30, 977-984.	8.9	17
50	The Rate and Effects of Spontaneous Mutation on Fitness Traits in the Social Amoeba,Dictyostelium discoideum. G3: Genes, Genomes, Genetics, 2013, 3, 1115-1127.	1.8	19
51	A bacterial symbiont is converted from an inedible producer of beneficial molecules into food by a single mutation in the gacA gene. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14528-14533.	7.1	63
52	III.4. Kin Selection and Inclusive Fitness. , 2013, , 215-220.		0
53	High relatedness in a social amoeba: the role of kin-discriminatory segregation. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2619-2624.	2.6	31
54	Structured growth and genetic drift raise relatedness in the social amoeba Dictyostelium discoideum. Biology Letters, 2012, 8, 794-797.	2.3	38

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55	Mind the gap: a comparative study of migratory behavior in social amoebae. Behavioral Ecology and Sociobiology, 2012, 66, 1291-1296.	1.4	4
56	Why Wasp Foundresses Change Nests: Relatedness, Dominance, and Nest Quality. PLoS ONE, 2012, 7, e45386.	2.5	14
57	Amino Acid Repeats Cause Extraordinary Coding Sequence Variation in the Social Amoeba Dictyostelium discoideum. PLoS ONE, 2012, 7, e46150.	2.5	14
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	Comparative genomics of the social amoebae Dictyostelium discoideum and Dictyostelium purpureum. Genome Biology, 2011, 12, R20.	9.6	141
60	Genome Nucleotide Composition Shapes Variation in Simple Sequence Repeats. Molecular Biology and Evolution, 2011, 28, 899-909.	8.9	39
61	How social evolution theory impacts our understanding of development in the social amoebaDictyostelium. Development Growth and Differentiation, 2011, 53, 597-607.	1.5	21
62	Primitive agriculture in a social amoeba. Nature, 2011, 469, 393-396.	27.8	251
63	Kin selection and eusociality. Nature, 2011, 471, E5-E6.	27.8	71
64	Kin discrimination and possible cryptic species in the social amoeba Polysphondylium violaceum. BMC Evolutionary Biology, 2011, 11, 31.	3.2	18
65	Kin Discrimination and Cooperation in Microbes. Annual Review of Microbiology, 2011, 65, 349-367.	7.3	191
66	Genetic diversity in the social amoeba Dictyostelium discoideum: Population differentiation and cryptic species. Molecular Phylogenetics and Evolution, 2011, 60, 455-462.	2.7	13
67	Evolution of cooperation and control of cheating in a social microbe. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10855-10862.	7.1	186
68	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
69	High Relatedness Is Necessary and Sufficient to Maintain Multicellularity in Dictyostelium. Science, 2011, 334, 1548-1551.	12.6	109
70	Phylogeography and sexual macrocyst formation in the social amoeba Dictyostelium giganteum. BMC Evolutionary Biology, 2010, 10, 17.	3.2	13
71	Cheating does not explain selective differences at high and low relatedness in a social amoeba. BMC Evolutionary Biology, 2010, 10, 76.	3.2	16
72	THE SOCIAL ORGANISM: CONGRESSES, PARTIES, AND COMMITTEES. Evolution; International Journal of Organic Evolution, 2010, 64, 605-616.	2.3	108

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73	An invitation to die: initiators of sociality in a social amoeba become selfish spores. Biology Letters, 2010, 6, 800-802.	2.3	26
74	Variation, Sex, and Social Cooperation: Molecular Population Genetics of the Social Amoeba Dictyostelium discoideum. PLoS Genetics, 2010, 6, e1001013.	3.5	67
75	Empowering 21st Century Biology. BioScience, 2010, 60, 923-930.	4.9	24
76	Polymorphic Members of the lag Gene Family Mediate Kin Discrimination in Dictyostelium. Current Biology, 2009, 19, 567-572.	3.9	204
77	Discovery of a large clonal patch of a social amoeba: implications for social evolution. Molecular Ecology, 2009, 18, 1273-1281.	3.9	23
78	Cheater-resistance is not futile. Nature, 2009, 461, 980-982.	27.8	66
79	PHYLOGENY, REPRODUCTIVE ISOLATION AND KIN RECOGNITION IN THE SOCIAL AMOEBADICTYOSTELIUM PURPUREUM. Evolution; International Journal of Organic Evolution, 2009, 63, 542-548.	2.3	34
80	Unicolonial ants: where do they come from, what are they and where are they going?. Trends in Ecology and Evolution, 2009, 24, 341-349.	8.7	183
81	Beyond society: the evolution of organismality. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 3143-3155.	4.0	286
82	Facultative cheater mutants reveal the genetic complexity of cooperation in social amoebae. Nature, 2008, 451, 1107-1110.	27.8	137
83	Segregate or cooperate- a study of the interaction between two species of Dictyostelium. BMC Evolutionary Biology, 2008, 8, 293.	3.2	22
84	DNA methylation is widespread across social Hymenoptera. Current Biology, 2008, 18, R287-R288.	3.9	72
85	Social Evolution: Ant Eggs Lacking Totipotency. Current Biology, 2008, 18, R299-R301.	3.9	2
86	Polistes dominulus (Hymenoptera, Vespidae) Larvae Show Different Cuticular Patterns According to their Sex: Workers Seem Not Use This Chemical Information. Chemical Senses, 2008, 34, 195-202.	2.0	13
87	Kin Discrimination Increases with Genetic Distance in a Social Amoeba. PLoS Biology, 2008, 6, e287.	5.6	127
88	Insect societies as divided organisms: The complexities of purpose and cross-purpose. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8619-8626.	7.1	74
89	An Unusually Low Microsatellite Mutation Rate in Dictyostelium discoideum, an Organism With Unusually Abundant Microsatellites. Genetics, 2007, 177, 1499-1507.	2.9	31
90	High relatedness maintains multicellular cooperation in a social amoeba by controlling cheater mutants. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8913-8917.	7.1	233

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91	Exploiting new terrain: an advantage to sociality in the slime mold Dictyostelium discoideum. Behavioral Ecology, 2007, 18, 433-437.	2.2	42
92	ADULT YELLOW-CROWNED NIGHT-HERONS FACE IN OPPOSITE DIRECTIONS AT THE NEST. Wilson Journal of Ornithology, 2007, 119, 747-749.	0.2	1
93	Kin preference in a social microbe. Nature, 2006, 442, 881-882.	27.8	186
94	The queen is not a pacemaker in the small-colony wasps Polistes instabilis and P. dominulus. Animal Behaviour, 2006, 71, 1197-1203.	1.9	27
95	Social Evolution: Early Production of Deadly Males by Competing Queens. Current Biology, 2006, 16, R1023-R1025.	3.9	0
96	Can cuticular lipids provide sufficient information for withinâ€“colony nepotism in wasps?. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 745-753.	2.6	54
97	Pleiotropy as a mechanism to stabilize cooperation. Nature, 2004, 431, 693-696.	27.8	253
98	Rank crime and punishment. Nature, 2004, 432, 160-161.	27.8	11
99	The phylogeny of the social wasp subfamily Polistinae: evidence from microsatellite flanking sequences, mitochondrial COI sequence, and morphological characters. BMC Evolutionary Biology, 2004, 4, 8.	3.2	59
100	Aggression and worker control of caste fate in a multiple-queen wasp, Parachartergus colobopterus. Animal Behaviour, 2004, 67, 1-10.	1.9	20
101	The Cost of Queen Loss in the Social Wasp Polistes dominulus (Hymenoptera: Vespidae). Journal of the Kansas Entomological Society, 2004, 77, 343-355.	0.2	45
102	Queens, not workers, produce the males in the stingless bee Schwarziana quadripunctata quadripunctata. Animal Behaviour, 2003, 66, 359-368.	1.9	30
103	Single-Gene Greenbeard Effects in the Social Amoeba Dictyostelium discoideum. Science, 2003, 299, 105-106.	12.6	264
104	Reproduction in foundress associations of the social wasp, Polistes carolina: conventions, competition, and skew. Behavioral Ecology, 2002, 13, 531-542.	2.2	91
105	Caste totipotency and conflict in a largeâ€“colony social insect. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 263-270.	2.6	38
106	The costs and benefits of being a chimera. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2357-2362.	2.6	112
107	Male production in stingless bees: variable outcomes of queen-worker conflict. Molecular Ecology, 2002, 11, 2661-2667.	3.9	62
108	The Many Selves of Social Insects. Science, 2002, 296, 311-313.	12.6	67

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109	Genetic and behavioral conflict over male production between workers and queens in the stingless bee Paratrigona subnuda. Behavioral Ecology and Sociobiology, 2002, 53, 1-8.	1.4	33
110	Insertions, substitutions, and the origin of microsatellites. Genetical Research, 2000, 76, 227-236.	0.9	84
111	Polymorphic microsatellite loci for primitively eusocial Stenogastrine wasps. Molecular Ecology, 2000, 9, 2203-2205.	3.9	8
112	Bacterial cheaters. Nature, 2000, 404, 555-556.	27.8	17
113	Unrelated helpers in a social insect. Nature, 2000, 405, 784-787.	27.8	231
114	Altruism and social cheating in the social amoeba Dictyostelium discoideum. Nature, 2000, 408, 965-967.	27.8	424
115	The role of queens in colonies of the swarm-founding wasp Parachartergus colobopterus. Animal Behaviour, 2000, 59, 841-848.	1.9	26
116	A Phylogenetic Perspective on Sequence Evolution in Microsatellite Loci. Journal of Molecular Evolution, 2000, 50, 324-338.	1.8	95
117	Reply from G. Bernasconi and J.E. Strassmann. Trends in Ecology and Evolution, 2000, 15, 117.	8.7	16
118	Mate number, kin selection and social conflicts in stingless bees and honeybees. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 379-384.	2.6	145
119	Cooperation among unrelated individuals: the ant foundress case. Trends in Ecology and Evolution, 1999, 14, 477-482.	8.7	188
120	Ancient Conservation of Trinucleotide Microsatellite Loci in Polistine Wasps. Molecular Phylogenetics and Evolution, 1998, 10, 168-177.	2.7	66
121	The genetic structure of swarms and the timing of their production in the queen cycles of neotropical wasps. Molecular Ecology, 1998, 7, 709-718.	3.9	33
122	Conflicts of Interest in Social Insects: Male Production in Two Species of Polistes. Evolution; International Journal of Organic Evolution, 1998, 52, 797.	2.3	14
123	Kin Selection and Social Insects. BioScience, 1998, 48, 165-175.	4.9	532
124	Lack of kin discrimination during wasp colony fission. Behavioral Ecology, 1998, 9, 172-176.	2.2	19
125	CONFLICTS OF INTEREST IN SOCIAL INSECTS: MALE PRODUCTION IN TWO SPECIES OFPOLISTES. Evolution; International Journal of Organic Evolution, 1998, 52, 797-805.	2.3	40
126	Absence of withinâ€“colony kin discrimination in behavioural interactions of swarmâ€“founding wasps. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 1565-1570.	2.6	38

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127	Trinucleotide microsatellite loci and increased heterozygosity in cross-species applications in the social wasp, Polistes. Biochemical Genetics, 1997, 35, 273-279.	1.7	4
128	Control of reproduction in social insect colonies: individual and collective relatedness preferences in the paper wasp, Polistes annularis. Behavioral Ecology and Sociobiology, 1997, 40, 3-16.	1.4	33
129	Genetic relatedness and incipient eusociality in stenogastrine wasps. Animal Behaviour, 1994, 48, 813-821.	1.9	37
130	Weak queen or social contract?. Nature, 1993, 363, 502-503.	27.8	13
131	PHYLOGENETIC RELATIONSHIPS AMONG PAPER WASP SOCIAL PARASITES AND THEIR HOSTS (HYMENOPTERA:) Tj ETQq1 1 0.784314 r	3.3	60
132	Microsatellite variation in a social insect. Biochemical Genetics, 1993, 31, 87-96.	1.7	48
133	Microsatellites and kinship. Trends in Ecology and Evolution, 1993, 8, 285-288.	8.7	763
134	A selfish strategy of social insect workers that promotes social cohesion. Nature, 1993, 365, 639-641.	27.8	103
135	Relatedness and altruism in Polistes wasps. Behavioral Ecology, 1993, 4, 128-137.	2.2	30
136	Phylogenetic Relationships Among Paper Wasp Social Parasites and Their Hosts (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	3.3	11
137	Microsatellite variation in a social insect. Biochemical Genetics, 1993, 31, 87-96.	1.7	5
138	Demographic and Genetic Evidence for Cyclical Changes in Queen Number in a Neotropical Wasp, Polybia emaciata. American Naturalist, 1992, 140, 363-372.	2.1	31
139	Relatedness and queen number in the Neotropical wasp, Parachartergus colobopterus. Animal Behaviour, 1991, 42, 461-470.	1.9	63
140	Beating the systematics. Nature, 1991, 352, 100-100.	27.8	0
141	Costs and benefits of colony aggregation in the social wasp, Polistes annularis. Behavioral Ecology, 1991, 2, 204-209.	2.2	9
142	Colony Defense in the Social Wasp, Parachartergus colobopterus. Biotropica, 1990, 22, 324.	1.6	15
143	POPULATION STRUCTURE AND KINSHIP IN POLISTES (HYMENOPTERA, VESPIDAE): AN ANALYSIS USING RIBOSOMAL DNA AND PROTEIN ELECTROPHORESIS. Evolution; International Journal of Organic Evolution, 1990, 44, 1242-1253.	2.3	27
144	Wasps fail to make distinctions. Nature, 1990, 344, 388-388.	27.8	45

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145	Kin discrimination in the tropical swarm-founding wasp, Parachartergus colobopterus. Animal Behaviour, 1990, 40, 598-601.	1.9	13
146	Group Colony Foundation in Polistes Annularis (Hymenoptera: Vespidae). Psyche: Journal of Entomology, 1989, 96, 223-236.	0.9	10
147	Genetic relatedness in primitively eusocial wasps. Nature, 1989, 342, 268-270.	27.8	74
148	Altruism and relatedness at colony foundation in social insects. Trends in Ecology and Evolution, 1989, 4, 371-374.	8.7	40
149	Predation and the Evolution of Sociality in the Paper Wasp Polistes Bellicosus. Ecology, 1988, 69, 1497-1505.	3.2	63
150	Age Is More Important Than Size in Determining Dominance Among Workers in the Primitively Eusocial Wasp, Polistes Instabilis. Behaviour, 1988, 107, 1-14.	0.8	80
151	Foundress Mortality after Worker Emergence in Social Wasps (Polistes). Ethology, 1988, 79, 265-280.	1.1	16
152	Queen Succession in the Social Wasp, Polistes annularis. Ethology, 1987, 76, 124-132.	1.1	31
153	Relatedness of Workers to Brood in the Social Wasp, Polistes exclamans (Hymenoptera: Vespidae). Zeitschrift FÃ¼r Tierpsychologie, 1985, 69, 141-148.	0.2	10
154	Physical variability among nest foundresses in the polygynous social wasp, Polistes annularis. Behavioral Ecology and Sociobiology, 1984, 15, 249-256.	1.4	54
155	Female-Biased Sex Ratios in Social Insects Lacking Morphological Castes. Evolution; International Journal of Organic Evolution, 1984, 38, 256.	2.3	7
156	FEMALEâ€BIASED SEX RATIOS IN SOCIAL INSECTS LACKING MORPHOLOGICAL CASTES. Evolution; International Journal of Organic Evolution, 1984, 38, 256-266.	2.3	23
157	Gerontocracy in the social wasp, Polistes exclamans. Animal Behaviour, 1983, 31, 431-438.	1.9	116
158	Wasp Reproduction and Kin Selection: Reproductive Competition and Dominance Hierarchies among Polistes annularis Foundresses. Florida Entomologist, 1981, 64, 74.	0.5	73
159	Evolutionary implications of early male and satellite nest production in Polistes exclamans colony cycles. Behavioral Ecology and Sociobiology, 1981, 8, 55-64.	1.4	118
160	Parasitoids, Predators, and Group Size in the Paper Wasp, Polistes Exclamans. Ecology, 1981, 62, 1225-1233.	3.2	85