Rhonda R Snook

List of Publications by Year
in descending order

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Version: 2024-02-01

73 papers	3,989 citations	147801 31 h-index	138484 58 g-index
84 all docs	84 docs citations	84 times ranked	3142 citing authors

#	Article	IF	Citations
1	Fluctuating heat stress during development exposes reproductive costs and putative benefits. Journal of Animal Ecology, 2022, 91, 391-403.	2.8	12
2	SpermTree, a species-level database of sperm morphology spanning the animal tree of life. Scientific Data, 2022, 9, 30.	5.3	11
3	The genetic basis and adult reproductive consequences of developmental thermal plasticity. Journal of Animal Ecology, 2022, 91, 1119-1134.	2.8	10
4	Female fruit flies cannot protect stored sperm from high temperature damage. Journal of Thermal Biology, 2022, 105, 103209.	2.5	5
5	Experimental evolution of local adaptation under unidimensional and multidimensional selection. Current Biology, 2022, 32, 1310-1318.e4.	3.9	6
6	Experimental sexual selection affects the evolution of physiological and lifeâ€history traits. Journal of Evolutionary Biology, 2022, 35, 742-751.	1.7	3
7	Experimental sexual selection reveals rapid evolutionary divergence in sexâ€specific transcriptomes and their interactions following mating. Molecular Ecology, 2022, 31, 3374-3388.	3.9	5
8	Experimental evolution supports signatures of sexual selection in genomic divergence. Evolution Letters, 2021, 5, 214-229.	3.3	15
9	Temperatures that sterilize males better match global species distributions than lethal temperatures. Nature Climate Change, 2021, 11, 481-484.	18.8	75
10	Fertilization mode drives sperm length evolution across the animal tree of life. Nature Ecology and Evolution, 2021, 5, 1153-1164.	7.8	39
11	Plastic responses of survival and fertility following heat stress in pupal and adultDrosophila virilis. Ecology and Evolution, 2021, 11, 18238-18247.	1.9	12
12	The Past and Future of Experimental Speciation. Trends in Ecology and Evolution, 2020, 35, 10-21.	8.7	33
13	Repeated evidence that the accelerated evolution of sperm is associated with their fertilization function. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201286.	2.6	8
14	Within-population sperm competition intensity does not predict asymmetry in conpopulation sperm precedence. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20200071.	4.0	12
15	Seminal fluid protein divergence among populations exhibiting postmating prezygotic reproductive isolation. Molecular Ecology, 2020, 29, 4428-4441.	3.9	12
16	Phenotypic Responses to and Genetic Architecture of Sterility Following Exposure to Sub-Lethal Temperature During Development. Frontiers in Genetics, 2020, 11, 573.	2.3	31
17	Integrated Approaches to Studying Male and Female Thermal Fertility Limits. Trends in Ecology and Evolution, 2019, 34, 492-493.	8.7	16
18	Strength of sexual and postmating prezygotic barriers varies between sympatric populations with different histories and species abundances. Evolution; International Journal of Organic Evolution, 2019, 73, 1182-1199.	2.3	16

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19	The Old and the New: Discovery Proteomics Identifies Putative Novel Seminal Fluid Proteins in Drosophila. Molecular and Cellular Proteomics, 2019, 18, S23-S33.	3.8	20
20	The Impact of Climate Change on Fertility. Trends in Ecology and Evolution, 2019, 34, 249-259.	8.7	188
21	Interrelations of global macroecological patterns in wing and thorax size, sexual size dimorphism, and range size of the Drosophilidae. Ecography, 2018, 41, 1707-1717.	4.5	25
22	Persistent postmating, prezygotic reproductive isolation between populations. Ecology and Evolution, 2018, 8, 9062-9073.	1.9	21
23	Sperm morphology and the evolution of intracellular spermâ€“egg interactions. Ecology and Evolution, 2018, 8, 5047-5058.	1.9	2
24	Mate choice intensifies motor signalling in Drosophila. Animal Behaviour, 2017, 133, 169-187.	1.9	15
25	Mating system manipulation and the evolution of sex-biased gene expression in Drosophila. Nature Communications, 2017, 8, 2072.	12.8	39
26	Local adaptation of reproductive performance during thermal stress. Journal of Evolutionary Biology, 2017, 30, 422-429.	1.7	76
27	Gene expression clines reveal local adaptation and associated trade-offs at a continental scale. Scientific Reports, 2016, 6, 32975.	3.3	18
28	Sexual selection and assortative mating: an experimental test. Journal of Evolutionary Biology, 2016, 29, 1307-1316.	1.7	24
29	The environmental genomics of metazoan thermal adaptation. Heredity, 2015, 114, 502-514.	2.6	61
30	Reproductive isolation among allopatricDrosophila montanapopulations. Evolution; International Journal of Organic Evolution, 2014, 68, 3095-3108.	2.3	42
31	Mating system variation drives rapid evolution of the female transcriptome in Drosophila pseudoobscura. Ecology and Evolution, 2014, 4, 2186-2201.	1.9	38
32	EVOLUTION OF DIVERGENT FEMALE MATING PREFERENCE IN RESPONSE TO EXPERIMENTAL SEXUAL SELECTION. Evolution; International Journal of Organic Evolution, 2014, 68, 2524-2533.	2.3	31
33	The evolution of polyandry. , 2014, , 159-180.		18
34	Integrated and independent evolution of heteromorphic sperm types. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131647.	2.6	6
35	Sexual selection and the evolution of secondary sexual traits: sex comb evolution in <scp>D</scp>rosophila. Journal of Evolutionary Biology, 2013, 26, 912-918.	1.7	10
36	Sexual selection and experimental evolution of chemical signals in <scp>D</scp>rosophila pseudoobscura. Journal of Evolutionary Biology, 2012, 25, 2232-2241.	1.7	25

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37	What do we need to know about speciation?. Trends in Ecology and Evolution, 2012, 27, 27-39.	8.7	358
38	Male attractiveness, fertility and susceptibility to oxidative stress are influenced by inbreeding in Drosophila simulans. Journal of Evolutionary Biology, 2011, 24, 363-371.	1.7	53
39	The biology and evolution of polyspermy: insights from cellular and functional studies of sperm and centrosomal behavior in the fertilized egg. Reproduction, 2011, 142, 779-792.	2.6	94
40	THE QUANTITATIVE GENETICS AND COEVOLUTION OF MALE AND FEMALE REPRODUCTIVE TRAITS. Evolution; International Journal of Organic Evolution, 2010, 64, 1926-34.	2.3	24
41	Increased opportunity for sexual conflict promotes harmful males with elevated courtship frequencies. Journal of Evolutionary Biology, 2010, 23, 440-446.	1.7	45
42	Interactions between the sexes: new perspectives on sexual selection and reproductive isolation. Evolutionary Ecology, 2009, 23, 71-91.	1.2	21
43	EXPERIMENTAL MANIPULATION OF SEXUAL SELECTION PROMOTES GREATER MALE MATING CAPACITY BUT DOES NOT ALTER SPERM INVESTMENT. Evolution; International Journal of Organic Evolution, 2009, 63, 926-938.	2.3	75
44	A TEST AND REVIEW OF THE ROLE OF EFFECTIVE POPULATION SIZE ON EXPERIMENTAL SEXUAL SELECTION PATTERNS. Evolution; International Journal of Organic Evolution, 2009, 63, 1923-1933.	2.3	44
45	The evolutionary significance of variation in spermâ€“egg interactions. , 2009, , 305-365.		26
46	The evolutionary origin and maintenance of sperm. , 2009, , 43-67.		52
47	WHAT USE IS AN INFERTILE SPERM? A COMPARATIVE STUDY OF SPERM-HETEROMORPHIC DROSOPHILA. Evolution; International Journal of Organic Evolution, 2008, 62, 374-385.	2.3	42
48	SEX RATIO DISTORTER REDUCES SPERM COMPETITIVE ABILITY IN AN INSECT. Evolution; International Journal of Organic Evolution, 2008, 62, 1644-1652.	2.3	63
49	SEXUAL SELECTION AND INTERACTING PHENOTYPES IN EXPERIMENTAL EVOLUTION: A STUDY OFDROSOPHILA PSEUDOOBSCURAMATING BEHAVIOR. Evolution; International Journal of Organic Evolution, 2008, 62, 1804-1812.	2.3	27
50	A Sterile Sperm Caste Protects Brother Fertile Sperm from Female-Mediated Death in Drosophila pseudoobscura. Current Biology, 2008, 18, 292-296.	3.9	83
51	Sexual conflict does not drive reproductive isolation in experimental populations of Drosophila pseudoobscura. Journal of Evolutionary Biology, 2007, 20, 1763-1771.	1.7	43
52	Spermicide, cryptic female choice and the evolution of sperm form and function. Journal of Evolutionary Biology, 2006, 19, 1660-1670.	1.7	46
53	Pollen and sperm heteromorphism: convergence across kingdoms?. Journal of Evolutionary Biology, 2005, 18, 1-18.	1.7	77
54	Experimental Manipulation of Sexual Selection and the Evolution of Courtship Song in Drosophila pseudoobscura. Behavior Genetics, 2005, 35, 245-255.	2.1	64

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55	Experimental Removal and Elevation of Sexual Selection: Does Sexual Selection Generate Manipulative Males and Resistant Females?. American Naturalist, 2005, 165, S72-S87.	2.1	94
56	Sperm in competition: not playing by the numbers. Trends in Ecology and Evolution, 2005, 20, 46-53.	8.7	530
57	How Important Is Sexual Conflict?. American Naturalist, 2005, 165, S1-S4.	2.1	31
58	SEXUAL CONFLICT AND SEXUAL SELECTION: MEASURING ANTAGONISTIC COEVOLUTION. Evolution; International Journal of Organic Evolution, 2004, 58, 1389.	2.3	0
59	Evolutionary Ecology of the Prezygotic Stage. Science, 2004, 303, 971-975.	12.6	151
60	SEXUAL CONFLICT AND SEXUAL SELECTION: MEASURING ANTAGONISTIC COEVOLUTION. Evolution; International Journal of Organic Evolution, 2004, 58, 1389-1393.	2.3	28
61	Sperm death and dumping in Drosophila. Nature, 2004, 428, 939-941.	27.8	171
62	PERSPECTIVE: SEXUAL CONFLICT AND SEXUAL SELECTION: CHASING AWAY PARADIGM SHIFTS. Evolution; International Journal of Organic Evolution, 2003, 57, 1223-1236.	2.3	147
63	PERSPECTIVE: SEXUAL CONFLICT AND SEXUAL SELECTION: CHASING AWAY PARADIGM SHIFTS. Evolution; International Journal of Organic Evolution, 2003, 57, 1223.	2.3	23
64	Efficiency of gamete usage in nature: sperm storage, fertilization and polyspermy. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 467-473.	2.6	21
65	Mating system evolution in sperm-heteromorphic Drosophila. Journal of Insect Physiology, 2001, 47, 957-964.	2.0	36
66	Sexual selection: Conflict, kindness and chicanery. Current Biology, 2001, 11, R337-R341.	3.9	36
67	Associations between female remating behavior, oogenesis and oviposition in Drosophila melanogaster and Drosophila pseudoobscura. Journal of Insect Physiology, 2000, 46, 1489-1496.	2.0	18
68	Offsetting Effects of Wolbachia Infection and Heat Shock on Sperm Production in Drosophila simulans: Analyses of Fecundity, Fertility and Accessory Gland Proteins. Genetics, 2000, 155, 167-178.	2.9	141
69	The risk of sperm competition and the evolution of sperm heteromorphism. Animal Behaviour, 1998, 56, 1497-1507.	1.9	55
70	Only long sperm are fertilization-competent in six sperm-heteromorphic Drosophila species. Current Biology, 1998, 8, 291-294.	3.9	91
71	IS THE PRODUCTION OF MULTIPLE SPERM TYPES ADAPTIVE?. Evolution; International Journal of Organic Evolution, 1997, 51, 797-808.	2.3	59
72	Is the Production of Multiple Sperm Types Adaptive?. Evolution; International Journal of Organic Evolution, 1997, 51, 797.	2.3	33

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73	Functional nonequivalence of sperm in Drosophila pseudoobscura.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 11222-11226.	7.1	98