

Steven A Ramm

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,917
citations

279798

23
h-index

276875

41
g-index

61
all docs

61
docs citations

61
times ranked

1568
citing authors

#	ARTICLE	IF	CITATIONS
1	Sperm competition and the evolution of male reproductive anatomy in rodents. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 949-955.	2.6	174
2	Sexual Selection and the Adaptive Evolution of Mammalian Ejaculate Proteins. <i>Molecular Biology and Evolution</i> , 2007, 25, 207-219.	8.9	109
3	Comparative Proteomics Reveals Evidence for Evolutionary Diversification of Rodent Seminal Fluid and Its Functional Significance in Sperm Competition. <i>Molecular Biology and Evolution</i> , 2008, 26, 189-198.	8.9	96
4	Sexual Selection and Genital Evolution in Mammals: A Phylogenetic Analysis of Baculum Length. <i>American Naturalist</i> , 2007, 169, 360-369.	2.1	84
5	Sperm competition and the evolution of spermatogenesis. <i>Molecular Human Reproduction</i> , 2014, 20, 1169-1179.	2.8	82
6	Adaptive plasticity of mammalian sperm production in response to social experience. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 745-751.	2.6	80
7	Sperm competition and sperm length influence the rate of mammalian spermatogenesis. <i>Biology Letters</i> , 2010, 6, 219-221.	2.3	78
8	Sexual Conflict in Hermaphrodites. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a017673.	5.5	78
9	The evolutionary ecology of testicular function: size isn't everything. <i>Biological Reviews</i> , 2014, 89, 874-888.	10.4	74
10	Baculum morphology predicts reproductive success of male house mice under sexual selection. <i>BMC Biology</i> , 2013, 11, 66.	3.8	70
11	Sperm competition risk drives plasticity in seminal fluid composition. <i>BMC Biology</i> , 2015, 13, 87.	3.8	69
12	Sperm competition and brain size evolution in mammals. <i>Journal of Evolutionary Biology</i> , 2009, 22, 2215-2221.	1.7	60
13	Social cues of sperm competition influence accessory reproductive gland size in a promiscuous mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1171-1176.	2.6	60
14	Encoding choosiness: female attraction requires prior physical contact with individual male scents in mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1727-1735.	2.6	59
15	Ejaculate allocation under varying sperm competition risk in the house mouse, <i>Mus musculus domesticus</i> . <i>Behavioral Ecology</i> , 2007, 18, 491-495.	2.2	47
16	Hypodermic self-insemination as a reproductive assurance strategy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150660.	2.6	44
17	Heterogenous Turnover of Sperm and Seminal Vesicle Proteins in the Mouse Revealed by Dynamic Metabolic Labeling. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.014993.	3.8	37
18	Sperm competition-induced plasticity in the speed of spermatogenesis. <i>BMC Evolutionary Biology</i> , 2016, 16, 60.	3.2	35

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19	The evolution of gonad expenditure and gonadosomatic index (GSI) in male and female broadcast-spawning invertebrates. <i>Biological Reviews</i> , 2018, 93, 693-753.	10.4	35
20	Seminal fluid and accessory male investment in sperm competition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20200068.	4.0	35
21	The free-living flatworm <i>Macrostomum lignano</i> . <i>EvoDevo</i> , 2020, 11, 5.	3.2	33
22	Sequential male mate choice under sperm competition risk. <i>Behavioral Ecology</i> , 2014, 25, 660-667.	2.2	30
23	Sex allocation plasticity on a transcriptome scale: Socially sensitive gene expression in a simultaneous hermaphrodite. <i>Molecular Ecology</i> , 2019, 28, 2321-2341.	3.9	30
24	The hidden ageing costs of sperm competition. <i>Ecology Letters</i> , 2020, 23, 1573-1588.	6.4	30
25	Occurrence, costs and heritability of delayed selfing in a free-living flatworm. <i>Journal of Evolutionary Biology</i> , 2012, 25, 2559-2568.	1.7	29
26	Genetic and environmental variation in transcriptional expression of seminal fluid proteins. <i>Heredity</i> , 2019, 122, 595-611.	2.6	27
27	Exploring the sexual diversity of flatworms: Ecology, evolution, and the molecular biology of reproduction. <i>Molecular Reproduction and Development</i> , 2017, 84, 120-131.	2.0	26
28	Sexual selection and the rodent baculum: an intraspecific study in the house mouse (<i>Mus musculus</i>). <i>Evolution</i> , 2010, 64, 1075-1085.	1.1	25
29	Sperm competition roles and ejaculate investment in a promiscuous mammal. <i>Journal of Evolutionary Biology</i> , 2012, 25, 1216-1225.	1.7	24
30	Seminal Fluid-Mediated Manipulation of Post-mating Behavior in a Simultaneous Hermaphrodite. <i>Current Biology</i> , 2020, 30, 143-149.e4.	3.9	24
31	Genital morphology linked to social status in the bank vole (<i>Myodes glareolus</i>). <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 97-105.	1.4	22
32	Experimentally evolved and phenotypically plastic responses to enforced monogamy in a hermaphroditic flatworm. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1713-1727.	1.7	22
33	A targeted in situ hybridization screen identifies putative seminal fluid proteins in a simultaneously hermaphroditic flatworm. <i>BMC Evolutionary Biology</i> , 2018, 18, 81.	3.2	20
34	Inbreeding avoidance behaviour of male bank voles in relation to social status. <i>Animal Behaviour</i> , 2012, 83, 453-457.	1.9	19
35	Male house mice do not adjust sperm allocation in response to odours from related or unrelated rivals. <i>Animal Behaviour</i> , 2009, 78, 685-690.	1.9	17
36	Self-fertilization, sex allocation and spermatogenesis kinetics in the hypodermically-inseminating flatworm <i>Macrostomum pusillum</i> . <i>Journal of Experimental Biology</i> , 2017, 220, 1568-1577.	1.7	14

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37	Experimental evidence for reduced male allocation under selfing in a simultaneously hermaphroditic animal. <i>Biology Letters</i> , 2018, 14, 20180570.	2.3	12
38	Genotype×environment interactions for seminal fluid expression and sperm competitive ability. <i>Journal of Evolutionary Biology</i> , 2020, 33, 225-236.	1.7	11
39	Divergence of seminal fluid gene expression and function among natural snail populations. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1440-1451.	1.7	9
40	Evidence for inter-population variation in waiting times in a self-fertilizing flatworm. <i>Invertebrate Reproduction and Development</i> , 2020, 64, 158-168.	0.8	9
41	Material heterogeneity of male genitalia reduces genital damage in a bushcricket during sperm removal behaviour. <i>Die Naturwissenschaften</i> , 2020, 107, 52.	1.6	8
42	Sperm competition and the evolution of reproductive systems. <i>Molecular Human Reproduction</i> , 2014, 20, 1159-1160.	2.8	7
43	Integrating Perspectives on Rodent Sperm Competition. <i>Advances in the Study of Behavior</i> , 2016, , 443-501.	1.6	7
44	Plastic expression of seminal fluid protein genes in a simultaneously hermaphroditic snail. <i>Behavioral Ecology</i> , 0, , .	2.2	7
45	Male birch catkin bugs vary copula duration to invest more in matings with novel females. <i>Animal Behaviour</i> , 2015, 109, 161-166.	1.9	6
46	Seminal fluid-mediated fitness effects in the simultaneously hermaphroditic flatworm <i>Macrostomum lignano</i> . <i>Ecology and Evolution</i> , 2019, 9, 13889-13901.	1.9	6
47	The baculum affects paternity success of first but not second males in house mouse sperm competition. <i>Bmc Ecology and Evolution</i> , 2021, 21, 159.	1.6	6
48	Male control of sperm transfer dynamics in a spermatophore-donating bushcricket. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 395-398.	1.4	5
49	Divergent testis allometry in two subspecies of the bushcricket <i>Poecilimon veluchianus</i> . <i>Biological Journal of the Linnean Society</i> , 2018, 124, 32-40.	1.6	5
50	Strategic Investment in Sperm Removal Behaviour in a Bushcricket. <i>Journal of Insect Behavior</i> , 2017, 30, 170-179.	0.7	4
51	Effects of two seminal fluid transcripts on post-mating behaviour in the simultaneously hermaphroditic flatworm <i>Macrostomum lignano</i> . <i>Journal of Evolutionary Biology</i> , 2020, 33, 714-726.	1.7	4
52	Sexual Selection and Genital Evolution in Mammals: A Phylogenetic Analysis of Baculum Length. <i>American Naturalist</i> , 2007, 169, 360.	2.1	4
53	Comment on "Bateman in Nature: Predation on Offspring Reduces the Potential for Sexual Selection". <i>Science</i> , 2013, 340, 549-549.	12.6	2
54	Impact of low sperm competition on male reproductive trait allometries in a bush-cricket. <i>BMC Evolutionary Biology</i> , 2019, 19, 185.	3.2	2

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55	Making the complex simple: a comment on Valcu and Kempenaers. <i>Behavioral Ecology</i> , 2015, 26, 16-16.	2.2	1
56	Disentangling a shared trait: male control over mate guarding duration revealed by a mate exchange experiment. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	1.4	1
57	Promiscuity punishes sexual deviants. <i>Molecular Ecology</i> , 2017, 26, 5359-5361.	3.9	0