

Stefan LÃ¼pold

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,783
citations

186265
28
h-index

189892
50
g-index

56
all docs

56
docs citations

56
times ranked

1846
citing authors

#	ARTICLE	IF	CITATIONS
1	Sperm morphology and sperm velocity in passerine birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1175-1181.	2.6	188
2	Resolving variation in the reproductive tradeoff between sperm size and number. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5325-5330.	7.1	160
3	Sexual selection and the evolution of sperm quality. <i>Molecular Human Reproduction</i> , 2014, 20, 1180-1189.	2.8	158
4	Male <i>Drosophila melanogaster</i> adjust ejaculate size based on female mating status, fecundity, and age. <i>Behavioral Ecology</i> , 2011, 22, 184-191.	2.2	154
5	How sexual selection can drive the evolution of costly sperm ornamentation. <i>Nature</i> , 2016, 533, 535-538.	27.8	150
6	Evolutionary Trade-Off between Secondary Sexual Traits and Ejaculates. <i>Trends in Ecology and Evolution</i> , 2017, 32, 964-976.	8.7	128
7	How Multivariate Ejaculate Traits Determine Competitive Fertilization Success in <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2012, 22, 1667-1672.	3.9	122
8	Female monopolization mediates the relationship between pre- and postcopulatory sexual traits. <i>Nature Communications</i> , 2014, 5, 3184.	12.8	120
9	The Lure Effect, Tadpole Tail Shape, and the Target of Dragonfly Strikes. <i>Journal of Herpetology</i> , 2003, 37, 420-424.	0.5	117
10	Female mediation of competitive fertilization success in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10693-10698.	7.1	108
11	Postcopulatory Sexual Selection Generates Speciation Phenotypes in <i>Drosophila</i> . <i>Current Biology</i> , 2013, 23, 1853-1862.	3.9	99
12	SPERM COMPETITION SELECTS BEYOND RELATIVE TESTES SIZE IN BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 391-402.	2.3	97
13	Sperm form and function: what do we know about the role of sexual selection?. <i>Reproduction</i> , 2018, 155, R229-R243.	2.6	92
14	How sperm competition shapes the evolution of testes and sperm: a meta-analysis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20200064.	4.0	90
15	RAPID DIVERSIFICATION OF SPERM PRECEDENCE TRAITS AND PROCESSES AMONG THREE SIBLING <i>DROSOPHILA</i> SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2348-2362.	2.3	78
16	Bat genitalia: allometry, variation and good genes. <i>Biological Journal of the Linnean Society</i> , 2004, 83, 497-507.	1.6	61
17	Sperm design and variation in the New World blackbirds (Icteridae). <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 899-909.	1.4	58
18	Population density and structure drive differential investment in pre- and postmating sexual traits in frogs. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1686-1699.	2.3	54

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19	An Analytical Framework for Estimating Fertilization Bias and the Fertilization Set from Multiple Sperm-Storage Organs. <i>American Naturalist</i> , 2013, 182, 552-561.	2.1	49
20	The evolution of male-biased sexual size dimorphism is associated with increased body size plasticity in males. <i>Functional Ecology</i> , 2018, 32, 581-591.	3.6	48
21	Social interactions among wild female Bechstein's bats (<i>Myotis bechsteinii</i>) living in a maternity colony. <i>Acta Ethologica</i> , 2003, 5, 107-114.	0.9	47
22	Ejaculate evolution in external fertilizers: Influenced by sperm competition or sperm limitation?. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 4-17.	2.3	46
23	EJACULATE QUALITY AND CONSTRAINTS IN RELATION TO SPERM COMPETITION LEVELS AMONG EUTHERIAN MAMMALS. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, n/a-n/a.	2.3	43
24	Sperm number trumps sperm size in mammalian ejaculate evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152122.	2.6	43
25	Altitude underlies variation in the mating system, somatic condition, and investment in reproductive traits in male Asian grass frogs (<i>Fejervarya limnocharis</i>). <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 1197-1208.	1.4	42
26	How female-male and male-male interactions influence competitive fertilization in <i>Drosophila melanogaster</i> . <i>Evolution Letters</i> , 2020, 4, 416-429.	3.3	34
27	NO EVIDENCE FOR POSTCOPULATORY INBREEDING AVOIDANCE IN <i>DROSOPHILA MELANOGASTER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2699-2705.	2.3	32
28	Sperm competition leads to functional adaptations in avian testes to maximize sperm quantity and quality. <i>Reproduction</i> , 2011, 141, 595-605.	2.6	32
29	Covariance among pre-mating, post-copulatory and viability fitness components in <i>Drosophila melanogaster</i> and their influence on paternity measurement. <i>Journal of Evolutionary Biology</i> , 2012, 25, 1555-1563.	1.7	32
30	Geographical variation in sperm morphology in the red-winged blackbird (<i>Agelaius phoeniceus</i>). <i>Evolutionary Ecology</i> , 2011, 25, 373-390.	1.2	29
31	Seasonal variation in ejaculate traits of male red-winged blackbirds (<i>Agelaius phoeniceus</i>). <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 1607-1617.	1.4	28
32	Interrelations of global macroecological patterns in wing and thorax size, sexual size dimorphism, and range size of the Drosophilidae. <i>Ecography</i> , 2018, 41, 1707-1717.	4.5	25
33	Inbreeding reveals mode of past selection on male reproductive characters in <i>Drosophila melanogaster</i> . <i>Ecology and Evolution</i> , 2013, 3, 2089-2102.	1.9	23
34	Sexual ornaments but not weapons trade off against testes size in primates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182542.	2.6	20
35	Relative Brain Size Is Predicted by the Intensity of Intrasexual Competition in Frogs. <i>American Naturalist</i> , 2020, 196, 169-179.	2.1	18
36	Condition-dependent interaction between mating success and competitive fertilization success in <i>Drosophila melanogaster</i> *. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2014-2026.	2.3	18

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37	MALDI-TOF mass spectrometry as a simple tool to determine the phospholipid/glycolipid composition of sperm: Pheasant spermatozoa as one selected example. <i>Animal Reproduction Science</i> , 2011, 123, 270-278.	1.5	17
38	No evidence for a trade-off between sperm length and male premating weaponry. <i>Journal of Evolutionary Biology</i> , 2015, 28, 2187-2195.	1.7	17
39	Greater sperm complexity in the Australasian old endemic rodents (Tribe: Hydromyini) is associated with increased levels of inter-male sperm competition. <i>Reproduction, Fertility and Development</i> , 2017, 29, 921.	0.4	16
40	Genetic diversity does not explain variation in extra-pair paternity in multiple populations of a songbird. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1156-1169.	1.7	14
41	Alternative mating tactics in the yellow dung fly: resolving mechanisms of small-male advantage off pasture. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132164.	2.6	12
42	Fitness consequences of the combined effects of veterinary and agricultural pesticides on a non-target insect. <i>Chemosphere</i> , 2020, 250, 126271.	8.2	11
43	Sperm depletion in relation to developmental nutrition and genotype in <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2830-2841.	2.3	11
44	Sperm quality and quantity evolve through different selective processes in the Phasianidae. <i>Scientific Reports</i> , 2019, 9, 19278.	3.3	10
45	The <i>Drosophila</i> septate junctions beyond barrier function: Review of the literature, prediction of human orthologs of the SJ-related proteins and identification of protein domain families. <i>Acta Physiologica</i> , 2021, 231, e13527.	3.8	7
46	Weapons Evolve Faster Than Sperm in Bovids and Cervids. <i>Cells</i> , 2021, 10, 1062.	4.1	5
47	How biases in sperm storage relate to sperm use during oviposition in female yellow dung flies. <i>Behavioral Ecology</i> , 2021, 32, 756-768.	2.2	4
48	No inbreeding depression in sperm storage ability or offspring viability in <i>Drosophila melanogaster</i> females. <i>Journal of Insect Physiology</i> , 2014, 60, 1-6.	2.0	3
49	Prediction and enrichment analyses of the <i>Homo sapiens-Drosophila melanogaster</i> COPD-related orthologs: potential for modeling of human COPD genomic responses with the fruit fly. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 322, R77-R82.	1.8	3
50	Evolution: Big Bawls, Small Balls. <i>Current Biology</i> , 2015, 25, R1084-R1086.	3.9	2
51	Exposure of <i>Drosophila melanogaster</i> to cigarette smoke extract changes its sexual behavior. , 2020, , .		2
52	Opening a window onto sperm competition. <i>Molecular Reproduction and Development</i> , 2013, 80, 79-79.	2.0	1
53	Female accessory gland fluid promotes sperm survival in yellow dung flies. <i>Alpine Entomology</i> , 0, 5, 95-100.	0.2	1
54	They produce the sperm, but whose is it? The 11th Biology of Spermatozoa Meeting, September 5-9, 2011-Derbyshire UK. <i>Spermatogenesis</i> , 2011, 1, 339-340.	0.8	0