

Simone Immler

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,408
citations

293460

24
h-index

252626

46
g-index

53
all docs

53
docs citations

53
times ranked

2595
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary history of sexual selection affects microRNA profiles in <i>Drosophila</i> sperm. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 310-319.	1.1	4
2	Morphological and ultrastructural alterations of zebrafish (<i>Danio rerio</i>) spermatozoa after motility activation. <i>Theriogenology</i> , 2022, , .	0.9	0
3	Accounting for the genetic load in assisted reproductive technology. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	2
4	Meiosis and beyond – understanding the mechanistic and evolutionary processes shaping the germline genome. <i>Biological Reviews</i> , 2021, 96, 822-841.	4.7	25
5	Evolutionary consequences of environmental effects on gamete performance. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200122.	1.8	11
6	Evolution of plasticity in production and transgenerational inheritance of small RNAs under dynamic environmental conditions. <i>PLoS Genetics</i> , 2021, 17, e1009581.	1.5	8
7	Transgenerational fitness effects of lifespan extension by dietary restriction in <i>Caenorhabditis elegans</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210701.	1.2	16
8	Within-Ejaculate Sperm Selection and Its Implications for Assisted Reproduction Technologies. , 2021, , 127-133.		0
9	Within-ejaculate sperm competition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20200066.	1.8	21
10	Long life evolves in large-brained bird lineages*. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 2617-2628.	1.1	36
11	Intrinsic post-ejaculation sperm ageing does not affect offspring fitness in Atlantic salmon. <i>Journal of Evolutionary Biology</i> , 2020, 33, 576-583.	0.8	1
12	Trade-off between somatic and germline repair in a vertebrate supports the expensive germ line hypothesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8973-8979.	3.3	33
13	Haploid Selection in Diploid-Organisms. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2019, 50, 219-236.	3.8	37
14	Effects of ovarian fluid on sperm traits and its implications for cryptic female choice in zebrafish. <i>Behavioral Ecology</i> , 2019, 30, 1298-1305.	1.0	28
15	The effects of male social environment on sperm phenotype and genome integrity. <i>Journal of Evolutionary Biology</i> , 2019, 32, 535-544.	0.8	18
16	Selection for longer lived sperm within ejaculate reduces reproductive ageing in offspring. <i>Evolution Letters</i> , 2019, 3, 198-206.	1.6	16
17	Repeated evolution of self-compatibility for reproductive assurance. <i>Nature Communications</i> , 2018, 9, 1639.	5.8	19
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#	ARTICLE	IF	CITATIONS
19	The sperm factor: paternal impact beyond genes. <i>Heredity</i> , 2018, 121, 239-247.	1.2	87
20	The Evolutionary Consequences of Selection at the Haploid Gametic Stage. <i>American Naturalist</i> , 2018, 192, 241-249.	1.0	58
21	Antagonistically pleiotropic allele increases lifespan and late-life reproduction at the cost of early-life reproduction and individual fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170376.	1.2	30
22	Haploid selection within a single ejaculate increases offspring fitness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8053-8058.	3.3	65
23	Paternal personality and social status influence offspring activity in zebrafish. <i>BMC Evolutionary Biology</i> , 2017, 17, 157.	3.2	25
24	The evolution of mating type switching for reproductive assurance. <i>BioEssays</i> , 2016, 38, 1141-1149.	1.2	27
25	The Expensive Germline and the Evolution of Ageing. <i>Current Biology</i> , 2016, 26, R577-R586.	1.8	121
26	Evolution of haploid selection in predominantly diploid organisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15952-15957.	3.3	45
27	The evolution of sex chromosomes in organisms with separate haploid sexes. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 694-708.	1.1	37
28	Driven Apart: The Evolution of Ploidy Differences between the Sexes under Antagonistic Selection. <i>American Naturalist</i> , 2014, 183, 96-107.	1.0	5
29	Sperm variation within a single ejaculate affects offspring development in Atlantic salmon. <i>Biology Letters</i> , 2014, 10, 20131040.	1.0	36
30	Short-term variation in sperm competition causes sperm-mediated epigenetic effects on early offspring performance in the zebrafish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140422.	1.2	46
31	The effect of sexual harassment on lethal mutation rate in female <i>Drosophila melanogaster</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20121874.	1.2	17
32	The benefit of evolving a larger brain: big-brained guppies perform better in a cognitive task. <i>Animal Behaviour</i> , 2013, 86, e4-e6.	0.8	62
33	Artificial Selection on Relative Brain Size in the Guppy Reveals Costs and Benefits of Evolving a Larger Brain. <i>Current Biology</i> , 2013, 23, 168-171.	1.8	376
34	Brains and the city in passerine birds: re-analysis and confirmation of the original result. <i>Biology Letters</i> , 2013, 9, 20130859.	1.0	6
35	Distinct evolutionary patterns of morphometric sperm traits in passerine birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4174-4182.	1.2	20
36	Intraspecific variance in sperm morphometry: a comparison between wild and domesticated Zebra Finches <i>Taeniopygia guttata</i> . <i>Ibis</i> , 2012, 154, 480-487.	1.0	15

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37	PLOIDALLY ANTAGONISTIC SELECTION MAINTAINS STABLE GENETIC POLYMORPHISM. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 55-65.	1.1	39
38	Brains and the city: big-brained passerine birds succeed in urban environments. <i>Biology Letters</i> , 2011, 7, 730-732.	1.0	140
39	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.	3.3	160
40	PRONOUNCED WITHIN-INDIVIDUAL PLASTICITY IN SPERM MORPHOMETRY ACROSS SOCIAL ENVIRONMENTS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1634-1643.	1.1	95
41	Sequential polyandry affords post-mating sexual selection in the mouths of cichlid females. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 1219-1230.	0.6	23
42	Female infidelity and genetic compatibility in birds: the role of the genetically loaded raffle in understanding the function of extrapair paternity. <i>Journal of Avian Biology</i> , 2009, 40, 97-101.	0.6	69
43	INCREASED POSTCOPULATORY SEXUAL SELECTION REDUCES THE INTRAMALE VARIATION IN SPERM DESIGN. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 1538-1543.	1.1	104
44	Sperm competition and sperm cooperation: the potential role of diploid and haploid expression. <i>Reproduction</i> , 2008, 135, 275-283.	1.1	78
45	Individual variation in male mating preferences for female coloration in a polymorphic cichlid fish. <i>Behavioral Ecology</i> , 2008, 19, 483-488.	1.0	22
46	Postcopulatory Sexual Selection Is Associated with Reduced Variation in Sperm Morphology. <i>PLoS ONE</i> , 2007, 2, e413.	1.1	138
47	By Hook or by Crook? Morphometry, Competition and Cooperation in Rodent Sperm. <i>PLoS ONE</i> , 2007, 2, e170.	1.1	117
48	UNUSUAL SPERM MORPHOLOGY IN THE EURASIAN BULLFINCH (<i>PYRRHULA PYRRHULA</i>). <i>Auk</i> , 2006, 123, 383.	0.7	28
49	A non-invasive method for obtaining spermatozoa from birds. <i>Ibis</i> , 2005, 147, 827-830.	1.0	27