

Simone Immler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7772111/publications.pdf>

Version: 2024-02-01

49
papers

2,408
citations

257429

24
h-index

223791

46
g-index

53
all docs

53
docs citations

53
times ranked

2333
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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. | 3.9 | 376 |
| 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 | Brains and the city: big-brained passerine birds succeed in urban environments. <i>Biology Letters</i> , 2011, 7, 730-732. | 2.3 | 140 |
| 4 | Postcopulatory Sexual Selection Is Associated with Reduced Variation in Sperm Morphology. <i>PLoS ONE</i> , 2007, 2, e413. | 2.5 | 138 |
| 5 | The Expensive Germline and the Evolution of Ageing. <i>Current Biology</i> , 2016, 26, R577-R586. | 3.9 | 121 |
| 6 | By Hook or by Crook? Morphometry, Competition and Cooperation in Rodent Sperm. <i>PLoS ONE</i> , 2007, 2, e170. | 2.5 | 117 |
| 7 | INCREASED POSTCOPULATORY SEXUAL SELECTION REDUCES THE INTRAMALE VARIATION IN SPERM DESIGN. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 1538-1543. | 2.3 | 104 |
| 8 | PRONOUNCED WITHIN-INDIVIDUAL PLASTICITY IN SPERM MORPHOMETRY ACROSS SOCIAL ENVIRONMENTS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1634-1643. | 2.3 | 95 |
| 9 | The sperm factor: paternal impact beyond genes. <i>Heredity</i> , 2018, 121, 239-247. | 2.6 | 87 |
| 10 | Sperm competition and sperm cooperation: the potential role of diploid and haploid expression. <i>Reproduction</i> , 2008, 135, 275-283. | 2.6 | 78 |
| 11 | 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. | 1.2 | 69 |
| 12 | 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. | 7.1 | 65 |
| 13 | The benefit of evolving a larger brain: big-brained guppies perform better in a cognitive task. <i>Animal Behaviour</i> , 2013, 86, e4-e6. | 1.9 | 62 |
| 14 | The Evolutionary Consequences of Selection at the Haploid Gametic Stage. <i>American Naturalist</i> , 2018, 192, 241-249. | 2.1 | 58 |
| 15 | 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. | 2.6 | 46 |
| 16 | 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. | 7.1 | 45 |
| 17 | PLOIDALLY ANTAGONISTIC SELECTION MAINTAINS STABLE GENETIC POLYMORPHISM. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 55-65. | 2.3 | 39 |
| 18 | The evolution of sex chromosomes in organisms with separate haploid sexes. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 694-708. | 2.3 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Haploid Selection in "Diploid" Organisms. Annual Review of Ecology, Evolution, and Systematics, 2019, 50, 219-236. | 8.3 | 37 |
| 20 | Sperm variation within a single ejaculate affects offspring development in Atlantic salmon. Biology Letters, 2014, 10, 20131040. | 2.3 | 36 |
| 21 | Long life evolves in large-brained bird lineages*. Evolution; International Journal of Organic Evolution, 2020, 74, 2617-2628. | 2.3 | 36 |
| 22 | Trade-off between somatic and germline repair in a vertebrate supports the expensive germ line hypothesis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8973-8979. | 7.1 | 33 |
| 23 | Antagonistically pleiotropic allele increases lifespan and late-life reproduction at the cost of early-life reproduction and individual fitness. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170376. | 2.6 | 30 |
| 24 | UNUSUAL SPERM MORPHOLOGY IN THE EURASIAN BULLFINCH (PYRRHULA PYRRHULA). Auk, 2006, 123, 383. | 1.4 | 28 |
| 25 | Effects of ovarian fluid on sperm traits and its implications for cryptic female choice in zebrafish. Behavioral Ecology, 2019, 30, 1298-1305. | 2.2 | 28 |
| 26 | A non-invasive method for obtaining spermatozoa from birds. Ibis, 2005, 147, 827-830. | 1.9 | 27 |
| 27 | The evolution of mating-type switching for reproductive assurance. BioEssays, 2016, 38, 1141-1149. | 2.5 | 27 |
| 28 | Paternal personality and social status influence offspring activity in zebrafish. BMC Evolutionary Biology, 2017, 17, 157. | 3.2 | 25 |
| 29 | Meiosis and beyond " understanding the mechanistic and evolutionary processes shaping the germline genome. Biological Reviews, 2021, 96, 822-841. | 10.4 | 25 |
| 30 | Sequential polyandry affords post-mating sexual selection in the mouths of cichlid females. Behavioral Ecology and Sociobiology, 2009, 63, 1219-1230. | 1.4 | 23 |
| 31 | Individual variation in male mating preferences for female coloration in a polymorphic cichlid fish. Behavioral Ecology, 2008, 19, 483-488. | 2.2 | 22 |
| 32 | Within-ejaculate sperm competition. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20200066. | 4.0 | 21 |
| 33 | Distinct evolutionary patterns of morphometric sperm traits in passerine birds. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4174-4182. | 2.6 | 20 |
| 34 | Repeated evolution of self-compatibility for reproductive assurance. Nature Communications, 2018, 9, 1639. | 12.8 | 19 |
| 35 | The effects of male social environment on sperm phenotype and genome integrity. Journal of Evolutionary Biology, 2019, 32, 535-544. | 1.7 | 18 |
| 36 | The effect of sexual harassment on lethal mutation rate in female <i>Drosophila melanogaster</i> . Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20121874. | 2.6 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Selection for longer lived sperm within ejaculate reduces reproductive ageing in offspring. <i>Evolution Letters</i> , 2019, 3, 198-206. | 3.3 | 16 |
| 38 | 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. | 2.6 | 16 |
| 39 | Intra-specific variance in sperm morphometry: a comparison between wild and domesticated Zebra Finches <i>Taeniopygia guttata</i> . <i>Ibis</i> , 2012, 154, 480-487. | 1.9 | 15 |
| 40 | Evolutionary consequences of environmental effects on gamete performance. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200122. | 4.0 | 11 |

41