

# Renã©e C Firman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2121237/publications.pdf>

Version: 2024-02-01

43  
papers

1,655  
citations

394421

19  
h-index

315739

38  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1802  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ecology and Evolutionary Dynamics of Meiotic Drive. <i>Trends in Ecology and Evolution</i> , 2016, 31, 315-326.	8.7	305
2	Postmating Female Control: 20 Years of Cryptic Female Choice. <i>Trends in Ecology and Evolution</i> , 2017, 32, 368-382.	8.7	254
3	Human sperm competition: testis size, sperm production and rates of extrapair copulations. <i>Animal Behaviour</i> , 2004, 68, 297-302.	1.9	115
4	Sperm midpiece length predicts sperm swimming velocity in house mice. <i>Biology Letters</i> , 2010, 6, 513-516.	2.3	88
5	POLYANDRY FACILITATES POSTCOPULATORY INBREEDING AVOIDANCE IN HOUSE MICE. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 603-611.	2.3	85
6	EXPERIMENTAL EVOLUTION OF SPERM QUALITY VIA POSTCOPULATORY SEXUAL SELECTION IN HOUSE MICE. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 64, 1245-56.	2.3	82
7	Experimental evolution of sperm competitiveness in a mammal. <i>BMC Evolutionary Biology</i> , 2011, 11, 19.	3.2	59
8	EXPERIMENTAL EVIDENCE FOR THE EVOLUTION OF THE MAMMALIAN BACULLUM BY SEXUAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 276-283.	2.3	55
9	Are body fluctuating asymmetry and the ratio of 2nd to 4th digit length reliable predictors of semen quality?. <i>Human Reproduction</i> , 2003, 18, 808-812.	0.9	46
10	STRATEGIC ADJUSTMENTS IN SPERM PRODUCTION WITHIN AND BETWEEN TWO ISLAND POPULATIONS OF HOUSE MICE. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, n/a-n/a.	2.3	44
11	Gametic interactions promote inbreeding avoidance in house mice. <i>Ecology Letters</i> , 2015, 18, 937-943.	6.4	44
12	Sperm competition suppresses gene drive among experimentally evolving populations of house mice. <i>Molecular Ecology</i> , 2017, 26, 5784-5792.	3.9	39
13	Evolutionary change in testes tissue composition among experimental populations of house mice. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 848-855.	2.3	34
14	Male house mice evolving with postcopulatory sexual selection sire embryos with increased viability. <i>Ecology Letters</i> , 2012, 15, 42-46.	6.4	32
15	Extreme and Variable Climatic Conditions Drive the Evolution of Sociality in Australian Rodents. <i>Current Biology</i> , 2020, 30, 691-697.e3.	3.9	31
16	Function of copulatory plugs in house mice: mating behavior and paternity outcomes of rival males. <i>Behavioral Ecology</i> , 2016, 27, 185-195.	2.2	28
17	Sperm competition does not influence sperm hook morphology in selection lines of house mice. <i>Journal of Evolutionary Biology</i> , 2011, 24, 856-862.	1.7	24
18	Polyandrous females benefit by producing sons that achieve high reproductive success in a competitive environment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2823-2831.	2.6	22

#	ARTICLE	IF	CITATIONS
19	A competitive environment influences sperm production, but not testes tissue composition, in house mice. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1647-1654.	1.7	21
20	Loss of the Nuclear Receptor Corepressor SLIRP Compromises Male Fertility. <i>PLoS ONE</i> , 2013, 8, e70700.	2.5	19
21	The Coevolution of Ova Defensiveness with Sperm Competitiveness in House Mice. <i>American Naturalist</i> , 2014, 183, 565-572.	2.1	19
22	Postmating sexual conflict and female control over fertilization during gamete interaction. <i>Annals of the New York Academy of Sciences</i> , 2018, 1422, 48-64.	3.8	19
23	Sexual rest and postmeiotic sperm ageing in house mice. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1373-1382.	1.7	18
24	Phenotypic plasticity in genitalia: baculum shape responds to sperm competition risk in house mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181086.	2.6	17
25	Exposure to male-dominated environments during development influences sperm sex ratios at sexual maturity. <i>Evolution Letters</i> , 2019, 3, 392-402.	3.3	16
26	Sperm competition risk generates phenotypic plasticity in ovum fertilizability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132097.	2.6	15
27	Of mice and women: advances in mammalian sperm competition with a focus on the female perspective. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20200082.	4.0	14
28	Exposure to high male density causes maternal stress and female-biased sex ratios in a mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192909.	2.6	14
29	No Evidence of Conpopulation Sperm Precedence between Allopatric Populations of House Mice. <i>PLoS ONE</i> , 2014, 9, e107472.	2.5	12
30	No evidence of sperm conjugate formation in an Australian mouse bearing sperm with three hooks. <i>Ecology and Evolution</i> , 2013, 3, 1856-1863.	1.9	11
31	Baculum shape and paternity success in house mice: evidence for genital coevolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20200150.	4.0	10
32	Limited influence of landscape on the genetic structure of three small mammals in a heterogeneous arid environment. <i>Journal of Biogeography</i> , 2019, 46, 539-551.	3.0	8
33	Sperm sex ratio adjustment in a mammal: perceived male competition leads to elevated proportions of female-producing sperm. <i>Biology Letters</i> , 2020, 16, 20190929.	2.3	8
34	Female fitness, sperm traits and patterns of paternity in an Australian polyandrous mouse. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 283-290.	1.4	7
35	Sexual Selection Shapes Seminal Vesicle Secretion Gene Expression in House Mice. <i>Molecular Biology and Evolution</i> , 2020, 37, 1114-1117.	8.9	7
36	Evolutionary, proteomic, and experimental investigations suggest the extracellular matrix of cumulus cells mediates fertilization outcomes. <i>Biology of Reproduction</i> , 2021, 105, 1043-1055.	2.7	7

#	ARTICLE	IF	CITATIONS
37	Female social preference for males that have evolved via monogamy: evidence of a trade-off between pre- and post-copulatory sexually selected traits?. <i>Biology Letters</i> , 2014, 10, 20140659.	2.3	6
38	Cryptic Female Choice: A General Phenomenon. A Reply to Eberhard. <i>Trends in Ecology and Evolution</i> , 2017, 32, 807.	8.7	6
39	The coevolution of male and female genitalia in a mammal: A quantitative genetic insight. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1558-1567.	2.3	4
40	The effect of baculum shape and mating behavior on mating-induced prolactin release in female house mice. <i>Behavioral Ecology</i> , 2021, 32, 1192-1201.	2.2	4
41	Range-wide genetic structure of a cooperative mouse in a semi-arid zone: Evidence for panmixia. <i>Journal of Evolutionary Biology</i> , 2019, 32, 1014-1026.	1.7	3
42	The spatial and temporal distribution of females influence the evolution of testes size in Australian rodents. <i>Biology Letters</i> , 2022, 18, 20220058.	2.3	3
43	The effect of genital stimulation on competitive fertilization success in house mice. <i>Animal Behaviour</i> , 2022, 190, 93-101.	1.9	0