

# David Miller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3213677/publications.pdf>

Version: 2024-02-01

66

papers

3,788

citations

304743

22

h-index

144013

57

g-index

68

all docs

68

docs citations

68

times ranked

3104

citing authors

#	ARTICLE	IF	CITATIONS
1	Authority and Immigration. Political Studies, 2023, 71, 835-850.	3.0	3
2	Responsibility and the Duty of Rescue. Journal of Applied Philosophy, 2022, 39, 313-326.	1.0	1
3	Sperm selection with hyaluronic acid improved live birth outcomes among older couples and was connected to sperm DNA quality, potentially affecting all treatment outcomes. Human Reproduction, 2022, 37, 1106-1125.	0.9	21
4	Lorna Finlayson on Political Philosophy and Immigration: A Reply. Proceedings of the Aristotelean Society, 2021, 121, 93-99.	0.5	2
5	Sperm binding to hyaluronan is an excellent predictor of Niliâ€Ravi buffalo bull fertility. Andrologia, 2021, 53, e13991.	2.1	1
6	The effects of aging on molecular modulators of human embryo implantation. IScience, 2021, 24, 102751.	4.1	7
7	Semen sampling as a simple, noninvasive surrogate for prostate health screening. Systems Biology in Reproductive Medicine, 2021, 67, 354-365.	2.1	3
8	Whatâ€™s Wrong with Religious Establishment?. Criminal Law and Philosophy, 2021, 15, 75-89.	0.5	9
9	Armstrong on Justice, Well-being and Natural Resources. Global Justice: Theory Practice Rhetoric, 2021, 13, 1-16.	0.3	0
10	Forensic Investigation of a Shawl Linked to the â€œJack the Ripperâ€•Murders. Journal of Forensic Sciences, 2020, 65, 295-303.	1.6	10
11	Authorsâ€™ Response. Journal of Forensic Sciences, 2020, 65, 334-336.	1.6	0
12	Authorsâ€™ Response. Journal of Forensic Sciences, 2020, 65, 339-339.	1.6	0
13	Is there a role for phosphodiesterase inhibitors in the treatment of male subfertility?. Human Fertility, 2020, , 1-11.	1.7	1
14	Reconceiving the democratic boundary problem. Philosophy Compass, 2020, 15, 1-9.	1.3	17
15	The Nature and Limits of the Duty of Rescue. Journal of Moral Philosophy, 2020, 17, 320-341.	0.4	8
16	Do calcium and magnesium deficiencies in reproducing ewes contribute to high lamb mortality?. Animal Production Science, 2020, 60, 733.	1.3	8
17	Needs-Based Justice. , 2020, , 273-294.		6
18	The Political Philosophy of Henry Sidgwick. Utilitas, 2020, 32, 261-275.	0.5	1

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19	Selecting Sperm with Hyaluronic Acid: Evidence Base for Efficacy and Practical Applications. , 2020, , 803-810.		0
20	Can trophectoderm RNA analysis predict human blastocyst competency?. Systems Biology in Reproductive Medicine, 2019, 65, 312-325.	2.1	16
21	Hyaluronan-selected sperm should not be considered an add-on “ Author's reply. Lancet, The, 2019, 394, 1320.	13.7	2
22	Physiological, hyaluronan-selected intracytoplasmic sperm injection for infertility treatment (HABSelect): a parallel, two-group, randomised trial. Lancet, The, 2019, 393, 416-422.	13.7	85
23	Proteomic Changes in Human Sperm During Sequential in vitro Capacitation and Acrosome Reaction. Frontiers in Cell and Developmental Biology, 2019, 7, 295.	3.7	34
24	Sperm selection for assisted reproduction by prior hyaluronan binding: the HABSelect RCT. Efficacy and Mechanism Evaluation, 2019, 6, 1-80.	0.7	9
25	The Coherence of Liberal Nationalism. , 2019, , 23-37.		6
26	Molecular characterisation of Salmonella enterica serovar Typhimurium and Campylobacter jejuni faecal carriage by captured rangeland goats. Small Ruminant Research, 2018, 158, 48-53.	1.2	4
27	Qualitative Behavioural Assessment as a Method to Identify Potential Stressors during Commercial Sheep Transport. Animals, 2018, 8, 209.	2.3	11
28	Cryptosporidium infection is associated with reduced growth and diarrhoea in goats beyond weaning. Veterinary Parasitology, 2018, 260, 30-37.	1.8	16
29	Zoonotic Cryptosporidium and Giardia shedding by captured rangeland goats. Veterinary Parasitology: Regional Studies and Reports, 2017, 7, 32-35.	0.5	9
30	Analysis of Chromatin Dynamics During Drosophila Spermatogenesis. Methods in Molecular Biology, 2017, 1471, 289-303.	0.9	3
31	Sedimentation properties in density gradients correspond with levels of sperm DNA fragmentation, chromatin compaction and binding affinity to hyaluronic acid. Reproductive BioMedicine Online, 2017, 34, 298-311.	2.4	22
32	Potential sperm contributions to the murine zygote predicted by in silico analysis. Reproduction, 2017, 154, 777-788.	2.6	21
33	Zona pellucida-binding protein 2 (ZBP2) and several proteins containing BX7B motifs in human sperm may have hyaluronic acid binding or recognition properties. Molecular Human Reproduction, 2017, 23, 803-816.	2.8	25
34	Hyaluronic Acid Binding Sperm Selection for assisted reproduction treatment (HABSelect): study protocol for a multicentre randomised controlled trial. BMJ Open, 2016, 6, e012609.	1.9	22
35	Nucleosomal chromatin in the mature sperm of Drosophila melanogaster. Genomics Data, 2016, 7, 175-177.	1.3	3
36	Impact of sperm DNA chromatin in the clinic. Journal of Assisted Reproduction and Genetics, 2016, 33, 157-166.	2.5	46

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37	Confrontation, Consolidation, and Recognition: The Oocyte's Perspective on the Incoming Sperm. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a023408.	6.2	18
38	Deoxyribonucleic acid methylation profiling of single human blastocysts by methylated CpG-island amplification coupled with CpG-island microarray. Fertility and Sterility, 2015, 103, 1566-1571.e4.	1.0	0
39	Sperm RNA as a Mediator of Genomic Plasticity. Advances in Biology, 2014, 2014, 1-13.	1.2	13
40	Socialising piglets in lactation positively affects their post-weaning behaviour. Applied Animal Behaviour Science, 2014, 158, 23-33.	1.9	42
41	Flooring and driving conditions during road transport influence the behavioural expression of cattle. Applied Animal Behaviour Science, 2013, 143, 18-30.	1.9	32
42	Evaluating the Localization and DNA Binding Complexity of Histones in Mature Sperm. Methods in Molecular Biology, 2013, 927, 459-475.	0.9	4
43	Effect of nutrition, body condition and liveweight change on efficacy of biological wool harvesting with epidermal growth factor (Bioclip). Animal Production Science, 2013, 53, 487.	1.3	4
44	Qualitative Behavioural Assessment of Angus steers during pre-slaughter handling and relationship with temperament and physiological responses. Applied Animal Behaviour Science, 2012, 142, 125-133.	1.9	54
45	The effect of sperm DNA fragmentation on miscarriage rates: a systematic review and meta-analysis. Human Reproduction, 2012, 27, 2908-2917.	0.9	500
46	Genome wide identification of promoter binding sites for H4K12ac in human sperm and its relevance for early embryonic development. Epigenetics, 2012, 7, 1057-1070.	2.7	56
47	Evidence of Cryptosporidium transmission between cattle and humans in northern New South Wales. Experimental Parasitology, 2012, 130, 437-441.	1.2	67
48	Sperm RNA: Reading the Hidden Message. Epigenetics and Human Health, 2011, , 329-353.	0.2	3
49	Key gene regulatory sequences with distinctive ontological signatures associate with differentially endonuclease-accessible mouse sperm chromatin. Reproduction, 2011, 142, 73-86.	2.6	14
50	Paternal DNA packaging in spermatozoa: more than the sum of its parts? DNA, histones, protamines and epigenetics. Reproduction, 2010, 139, 287-301.	2.6	361
51	Endonuclease-sensitive regions of human spermatozoal chromatin are highly enriched in promoter and CTCF binding sequences. Genome Research, 2009, 19, 1338-1349.	5.5	271
52	Paternal contributions: New functional insights for spermatozoal RNA. Journal of Cellular Biochemistry, 2008, 104, 1570-1579.	2.6	148
53	Characterization of nucleohistone and nucleoprotamine components in the mature human sperm nucleus. Asian Journal of Andrology, 2008, 10, 535-541.	1.6	62
54	Ensuring continuity of the paternal genome: potential roles for spermatozoal RNA in mammalian embryogenesis. Society of Reproduction and Fertility Supplement, 2007, 65, 373-89.	0.2	7

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55	Towards a better understanding of RNA carriage by ejaculate spermatozoa. Human Reproduction Update, 2006, 12, 757-767.	10.8	140
56	The cyclinâ€“like uracil DNA glycosylase (UDG) of murine oocytes and its relationship to human and chimpanzee homologues. Gene, 2006, 375, 95-102.	2.2	3
57	The controversy, potential and roles of spermatozoal RNA. Trends in Molecular Medicine, 2005, 11, 156-163.	6.7	204
58	Delivering spermatozoan RNA to the oocyte. Nature, 2004, 429, 154-154.	27.8	499
59	Sex determination: insights from the human and animal models suggest that the mammalian Y chromosome is uniquely specialised for the male's benefit. The Journal of Men's Health & Gender: the Official Journal of the International Society for Men's Health & Gender, 2004, 1, 170-181.	0.2	3
60	Environmental versus genetic sex determination: a possible factor in dinosaur extinction?. Fertility and Sterility, 2004, 81, 954-964.	1.0	55
61	Spermatozoal RNA profiles of normal fertile men. Lancet, The, 2002, 360, 772-777.	13.7	483
62	Recovering Filter-Based Microarray Data for Pathways Analysis Using a Multipoint Alignment Strategy. BioTechniques, 2001, 30, 762-767.	1.8	8
63	Analysis and significance of messenger RNA in human ejaculated spermatozoa. Molecular Reproduction and Development, 2000, 56, 259-264.	2.0	72
64	A complex population of RNAs exists in human ejaculate spermatozoa: implications for understanding molecular aspects of spermiogenesis. Gene, 1999, 237, 385-392.	2.2	145
65	Differential RNA fingerprinting as a tool in the analysis of spermatozoal gene expression. Human Reproduction, 1994, 9, 864-869.	0.9	86
66	Should Cities Control Immigration Policy?. Journal of Applied Philosophy, 0, , .	1.0	0