

Timothy G Jenkins

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,359
citations

304602

22
h-index

223716

46
g-index

73
all docs

73
docs citations

73
times ranked

2582
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-Associated Sperm DNA Methylation Alterations: Possible Implications in Offspring Disease Susceptibility. <i>PLoS Genetics</i> , 2014, 10, e1004458.	1.5	238
2	Obesity, male infertility, and the sperm epigenome. <i>Fertility and Sterility</i> , 2017, 107, 848-859.	0.5	210
3	The sperm epigenome and potential implications for the developing embryo. <i>Reproduction</i> , 2012, 143, 727-734.	1.1	195
4	Aberrant sperm DNA methylation predicts male fertility status and embryo quality. <i>Fertility and Sterility</i> , 2015, 104, 1388-1397.e5.	0.5	153
5	Cigarette smoking significantly alters sperm <scp>DNA</scp> methylation patterns. <i>Andrology</i> , 2017, 5, 1089-1099.	1.9	131
6	The Role of the Epididymis and the Contribution of Epididymosomes to Mammalian Reproduction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5377.	1.8	123
7	Decreased fecundity and sperm DNA methylation patterns. <i>Fertility and Sterility</i> , 2016, 105, 51-57.e3.	0.5	102
8	Paternal aging and associated intraindividual alterations of global sperm 5-methylcytosine and 5-hydroxymethylcytosine levels. <i>Fertility and Sterility</i> , 2013, 100, 945-951.e2.	0.5	93
9	The Sperm Epigenome: Implications for the Embryo. <i>Advances in Experimental Medicine and Biology</i> , 2014, 791, 53-66.	0.8	87
10	The paternal epigenome and embryogenesis: poisoning mechanisms for development. <i>Asian Journal of Andrology</i> , 2011, 13, 76-80.	0.8	82
11	Diet and sperm quality: Nutrients, foods and dietary patterns. <i>Reproductive Biology</i> , 2019, 19, 219-224.	0.9	80
12	Sperm epigenetics in the study of male fertility, offspring health, and potential clinical applications. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 69-76.	1.0	73
13	The role of miRNAs in male human reproduction: a systematic review. <i>Andrology</i> , 2020, 8, 7-26.	1.9	72
14	Male adiposity, sperm parameters and reproductive hormones: An updated systematic review and collaborative meta-analysis. <i>Obesity Reviews</i> , 2021, 22, e13082.	3.1	68
15	Paternal germ line aging: DNA methylation age prediction from human sperm. <i>BMC Genomics</i> , 2018, 19, 763.	1.2	67
16	Teratozoospermia and asthenozoospermia are associated with specific epigenetic signatures. <i>Andrology</i> , 2016, 4, 843-849.	1.9	56
17	The impact of ejaculatory abstinence on semen analysis parameters: a systematic review. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 213-220.	1.2	54
18	Dynamic alterations in the paternal epigenetic landscape following fertilization. <i>Frontiers in Genetics</i> , 2012, 3, 143.	1.1	51

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19	Intra-sample heterogeneity of sperm DNA methylation. <i>Molecular Human Reproduction</i> , 2015, 21, 313-319.	1.3	44
20	The Expression of miRNAs in Human Ovaries, Oocytes, Extracellular Vesicles, and Early Embryos: A Systematic Review. <i>Cells</i> , 2019, 8, 1564.	1.8	39
21	Sperm epigenetics and aging. <i>Translational Andrology and Urology</i> , 2018, 7, S328-S335.	0.6	35
22	The Sperm Epigenome, Male Aging, and Potential Effects on the Embryo. <i>Advances in Experimental Medicine and Biology</i> , 2015, 868, 81-93.	0.8	26
23	Differential DNA methylation pattern and sperm quality in men with varicocele. <i>Fertility and Sterility</i> , 2020, 114, 770-778.	0.5	22
24	Supplementation of cryomedium with ascorbic acid-2-glucoside (AA2G) improves human sperm post-thaw motility. <i>Fertility and Sterility</i> , 2011, 95, 2001-2004.	0.5	21
25	Age-associated sperm DNA methylation patterns do not directly persist trans-generationally. <i>Epigenetics and Chromatin</i> , 2019, 12, 74.	1.8	21
26	Impacts of Abstinence Time on Semen Parameters in a Large Population-based Cohort of Subfertile Men. <i>Urology</i> , 2017, 108, 90-95.	0.5	19
27	Epigenetics, infertility, and cancer: future directions. <i>Fertility and Sterility</i> , 2018, 109, 27-32.	0.5	18
28	Young women with poor ovarian response exhibit epigenetic age acceleration based on evaluation of white blood cells using a DNA methylation-derived age prediction model. <i>Human Reproduction</i> , 2020, 35, 2579-2588.	0.4	18
29	Harnessing the full potential of reproductive genetics and epigenetics for male infertility in the era of "big data". <i>Fertility and Sterility</i> , 2020, 113, 478-488.	0.5	18
30	DNA methylation among firefighters. <i>PLoS ONE</i> , 2019, 14, e0214282.	1.1	15
31	Pre-screening method for somatic cell contamination in human sperm epigenetic studies. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 146-155.	1.0	13
32	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. <i>PLoS Genetics</i> , 2020, 16, e1008756.	1.5	11
33	Simulated Wildfire Smoke Significantly Alters Sperm DNA Methylation Patterns in a Murine Model. <i>Toxics</i> , 2021, 9, 199.	1.6	11
34	The impact of zinc and folic acid supplementation on sperm DNA methylation: results from the folic acid and zinc supplementation randomized clinical trial (FAZST). <i>Fertility and Sterility</i> , 2022, 117, 75-85.	0.5	10
35	Microfluidic System for Rapid Isolation of Sperm From Microdissection TESE Specimens. <i>Urology</i> , 2020, 140, 70-76.	0.5	9
36	Sperm DNA methylation changes after short-term nut supplementation in healthy men consuming a Western-style diet. <i>Andrology</i> , 2021, 9, 260-268.	1.9	9

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37	The combined effect of obesity and aging on human sperm DNA methylation signatures: inclusion of BMI in the paternal germ line age prediction model. <i>Scientific Reports</i> , 2020, 10, 15409.	1.6	8
38	Transgenerational Epigenetics. <i>Urologic Clinics of North America</i> , 2020, 47, 219-225.	0.8	8
39	Serum dioxin levels and sperm DNA methylation age: Findings in Vietnam war veterans exposed to Agent Orange. <i>Reproductive Toxicology</i> , 2020, 96, 27-35.	1.3	7
40	Proton-pump inhibitor use does not affect semen quality in subfertile men. <i>Asian Journal of Andrology</i> , 2018, 20, 290.	0.8	7
41	Population-based Semen Analysis Results and Fertility Among Patients With Inflammatory Bowel Disease: Results From Subfertility Health Assisted Reproduction and the Environment (SHARE) Study. <i>Urology</i> , 2017, 107, 114-119.	0.5	6
42	Thermo Stability of DNA Methylation Marks in Human Sperm. <i>Journal of Genetics and Genome Research</i> , 2017, 4, .	0.3	6
43	How the Father Might Epigenetically Program the Risk for Developmental Origins of Health and Disease Effects in His Offspring. , 2016, , 361-375.		5
44	Associations of single nucleotide polymorphisms in the Pygo2 coding sequence with idiopathic oligospermia and azospermia. <i>Genetics and Molecular Research</i> , 2015, 14, 9053-9061.	0.3	4
45	Assays Used in the Study of Sperm Nuclear Proteins. , 2011, , 233-241.		3
46	Epigenetic mechanisms within the sperm epigenome and their diagnostic potential. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2020, 34, 101481.	2.2	3
47	Epigenetics and Male Infertility. , 2020, , 139-146.		2
48	The Role of Reproductive Genetics in Modern Andrology. , 2018, , 23-38.		1
49	Semen parameter decline with advancing age: a cause for concern?. <i>Fertility and Sterility</i> , 2018, 110, 54-55.	0.5	1
50	Microfluidics: a way to interrogate a single sperm?. <i>Fertility and Sterility</i> , 2019, 112, 808.	0.5	1
51	Semen characteristics and pregnancy loss: an important step in addressing a complex problem. <i>Fertility and Sterility</i> , 2017, 108, 598-599.	0.5	1
52	Assessment of seminal cell-free DNA as a potential contaminate in studies of human sperm DNA methylation. <i>Andrology</i> , 2022, , .	1.9	1
53	Supplementation of ascorbic acid 2-glucoside (AA2G) to cryomedia and its effects on post-thaw human sperm motility. <i>Fertility and Sterility</i> , 2010, 94, S146-S147.	0.5	0
54	Intra-individual variability of global sperm 5-methylcytosine and 5-hydroxymethylcytosine levels between ejaculates. <i>Fertility and Sterility</i> , 2012, 98, S13-S14.	0.5	0

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55	Regional enrichment of altered sperm DNA methylation marks associated with paternal aging. <i>Fertility and Sterility</i> , 2013, 100, S88.	0.5	0
56	Transgenerational effects of DNA methylation inhibitor treatment to male mice. <i>Fertility and Sterility</i> , 2014, 102, e198.	0.5	0
57	MicroRNA: a step beyond bulk seminal parameters?. <i>Fertility and Sterility</i> , 2015, 104, 554.	0.5	0
58	The Sperm Epigenome. , 0, , 230-239.		0
59	Epigenetics and Sperm Abnormalities. , 2018, , 245-249.		0
60	AUTHOR REPLY. <i>Urology</i> , 2020, 140, 75-76.	0.5	0
61	Aging of male and female gametes. , 2021, , 253-267.		0
62	The Aging Male and Impact on Offspring. , 2013, , 17-29.		0
63	Assays Used in the Study of Sperm Nuclear Proteins. , 2013, , 363-375.		0
64	The Sperm Epigenome and Potential Implications for the Developing Embryo. , 2020, , 173-185.		0
65	Sperm epigenetics: The future of precision medicine in male infertility. , 2022, , 369-380.		0
66	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
67	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
68	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
69	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
70	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
71	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
72	Different human placental epigenetics changes in pregnancies affected with preeclampsia and intrauterine growth restriction. <i>FASEB Journal</i> , 2022, 36, .	0.2	0