Timothy G Jenkins

List of Publications by Year in descending order

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	The impact of zinc and folic acid supplementation on sperm DNA methylation: results from the folic acid and zinc supplementation randomized clinical trial (FAZST). Fertility and Sterility, 2022, 117, 75-85.	0.5	10
2	Sperm epigenetics: The future of precision medicine in male infertility. , 2022, , 369-380.		0
3	Assessment of seminal cellâ€free DNA as a potential contaminate in studies of human sperm DNA methylation. Andrology, 2022, , .	1.9	1
4	Different human placental epigenetics changes in pregnancies affected with preeclampsia and intrauterine growth restriction. FASEB Journal, 2022, 36, .	0.2	0
5	Male adiposity, sperm parameters and reproductive hormones: An updated systematic review and collaborative metaâ€analysis. Obesity Reviews, 2021, 22, e13082.	3.1	68
6	Aging of male and female gametes. , 2021, , 253-267.		0
7	Sperm DNA methylation changes after shortâ€term nut supplementation in healthy men consuming a Westernâ€style diet. Andrology, 2021, 9, 260-268.	1.9	9
8	Simulated Wildfire Smoke Significantly Alters Sperm DNA Methylation Patterns in a Murine Model. Toxics, 2021, 9, 199.	1.6	11
9	The role of miRNAs in male human reproduction: a systematic review. Andrology, 2020, 8, 7-26.	1.9	72
10	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. Human Reproduction, 2020, 35, 2579-2588.	0.4	18
11	Differential DNA methylation pattern and sperm quality in men with varicocele. Fertility and Sterility, 2020, 114, 770-778.	0.5	22
12	The Role of the Epididymis and the Contribution of Epididymosomes to Mammalian Reproduction. International Journal of Molecular Sciences, 2020, 21, 5377.	1.8	123
13	The combined effect of obesity and aging on human sperm DNA methylation signatures: inclusion of BMI in the paternal germ line age prediction model. Scientific Reports, 2020, 10, 15409.	1.6	8
14	Epigenetic mechanisms within the sperm epigenome and their diagnostic potential. Best Practice and Research in Clinical Endocrinology and Metabolism, 2020, 34, 101481.	2.2	3
15	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. PLoS Genetics, 2020, 16, e1008756.	1.5	11
16	AUTHOR REPLY. Urology, 2020, 140, 75-76.	0.5	0
17	Serum dioxin levels and sperm DNA methylation age: Findings in Vietnam war veterans exposed to Agent Orange. Reproductive Toxicology, 2020, 96, 27-35.	1.3	7
18	Microfluidic System for Rapid Isolation of Sperm From Microdissection TESE Specimens. Urology, 2020, 140, 70-76.	0.5	9

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19	Harnessing the full potential of reproductive genetics and epigenetics for male infertility in the era of â€œbig dataâ€• Fertility and Sterility, 2020, 113, 478-488.	0.5	18
20	Transgenerational Epigenetics. Urologic Clinics of North America, 2020, 47, 219-225.	0.8	8
21	The Sperm Epigenome and Potential Implications for the Developing Embryo. , 2020, , 173-185.		0
22	Epigenetics and Male Infertility. , 2020, , 139-146.		2
23	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
24	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
25	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
26	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
27	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
28	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
29	Diet and sperm quality: Nutrients, foods and dietary patterns. Reproductive Biology, 2019, 19, 219-224.	0.9	80
30	Microfluidics: a way to interrogate a single sperm?. Fertility and Sterility, 2019, 112, 808.	0.5	1
31	DNA methylation among firefighters. PLoS ONE, 2019, 14, e0214282.	1.1	15
32	Age-associated sperm DNA methylation patterns do not directly persist trans-generationally. Epigenetics and Chromatin, 2019, 12, 74.	1.8	21
33	The Expression of miRNAs in Human Ovaries, Oocytes, Extracellular Vesicles, and Early Embryos: A Systematic Review. Cells, 2019, 8, 1564.	1.8	39
34	Pre-screening method for somatic cell contamination in human sperm epigenetic studies. Systems Biology in Reproductive Medicine, 2018, 64, 146-155.	1.0	13
35	The Role of Reproductive Genetics in Modern Andrology. , 2018, , 23-38.		1
36	Epigenetics, infertility, and cancer: future directions. Fertility and Sterility, 2018, 109, 27-32.	0.5	18

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37	The impact of ejaculatory abstinence on semen analysis parameters: a systematic review. Journal of Assisted Reproduction and Genetics, 2018, 35, 213-220.	1.2	54
38	Paternal germ line aging: DNA methylation age prediction from human sperm. BMC Genomics, 2018, 19, 763.	1.2	67
39	Sperm epigenetics and aging. Translational Andrology and Urology, 2018, 7, S328-S335.	0.6	35
40	Semen parameter decline with advancing age: a cause for concern?. Fertility and Sterility, 2018, 110, 54-55.	0.5	1
41	Epigenetics and Sperm Abnormalities. , 2018, , 245-249.		0
42	Proton-pump inhibitor use does not affect semen quality in subfertile men. Asian Journal of Andrology, 2018, 20, 290.	0.8	7
43	Sperm epigenetics in the study of male fertility, offspring health, and potential clinical applications. Systems Biology in Reproductive Medicine, 2017, 63, 69-76.	1.0	73
44	Obesity, male infertility, and the sperm epigenome. Fertility and Sterility, 2017, 107, 848-859.	0.5	210
45	Cigarette smoking significantly alters sperm <scp>DNA</scp> methylation patterns. Andrology, 2017, 5, 1089-1099.	1.9	131
46	Impacts of Abstinence Time on Semen Parameters in a Large Population-based Cohort of Subfertile Men. Urology, 2017, 108, 90-95.	0.5	19
47	Population-based Semen Analysis Results and Fertility Among Patients With Inflammatory Bowel Disease: Results From Subfertility Health Assisted Reproduction and the Environment (SHARE) Study. Urology, 2017, 107, 114-119.	0.5	6
48	Semen characteristics and pregnancy loss: an important step in addressing a complex problem. Fertility and Sterility, 2017, 108, 598-599.	0.5	1
49	Thermo Stability of DNA Methylation Marks in Human Sperm. Journal of Genetics and Genome Research, 2017, 4, .	0.3	6
50	How the Father Might Epigenetically Program the Risk for Developmental Origins of Health and Disease Effects in His Offspring. , 2016, , 361-375.		5
51	Teratozoospermia and asthenozoospermia are associated with specific epigenetic signatures. Andrology, 2016, 4, 843-849.	1.9	56
52	Decreased fecundity and sperm DNA methylation patterns. Fertility and Sterility, 2016, 105, 51-57.e3.	0.5	102
53	Associations of single nucleotide polymorphisms in the Pygo2 coding sequence with idiopathic oligospermia and azoospermia. Genetics and Molecular Research, 2015, 14, 9053-9061.	0.3	4
54	Intra-sample heterogeneity of sperm DNA methylation. Molecular Human Reproduction, 2015, 21, 313-319.	1.3	44

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55	The Sperm Epigenome, Male Aging, and Potential Effects on the Embryo. Advances in Experimental Medicine and Biology, 2015, 868, 81-93.	0.8	26
56	Aberrant sperm DNA methylation predicts male fertility status and embryo quality. Fertility and Sterility, 2015, 104, 1388-1397.e5.	0.5	153
57	MicroRNA: a step beyond bulk seminal parameters?. Fertility and Sterility, 2015, 104, 554.	0.5	0
58	Age-Associated Sperm DNA Methylation Alterations: Possible Implications in Offspring Disease Susceptibility. PLoS Genetics, 2014, 10, e1004458.	1.5	238
59	The Sperm Epigenome: Implications for the Embryo. Advances in Experimental Medicine and Biology, 2014, 791, 53-66.	0.8	87
60	Transgenerational effects of DNA methylation inhibitor treatment to male mice. Fertility and Sterility, 2014, 102, e198.	0.5	0
61	Paternal aging and associated intraindividual alterations of global sperm 5-methylcytosine and 5-hydroxymethylcytosine levels. Fertility and Sterility, 2013, 100, 945-951.e2.	0.5	93
62	Regional enrichment of altered sperm DNA methylation marks associated with paternal aging. Fertility and Sterility, 2013, 100, S88.	0.5	0
63	The Aging Male and Impact on Offspring. , 2013, , 17-29.		0
64	Assays Used in the Study of Sperm Nuclear Proteins. , 2013, , 363-375.		0
65	Intra-individual variability of global sperm 5-methylcytosine and 5-hydroxymethylcytosine levels between ejaculates. Fertility and Sterility, 2012, 98, S13-S14.	0.5	0
66	The sperm epigenome and potential implications for the developing embryo. Reproduction, 2012, 143, 727-734.	1.1	195
67	Dynamic alterations in the paternal epigenetic landscape following fertilization. Frontiers in Genetics, 2012, 3, 143.	1.1	51
68	Assays Used in the Study of Sperm Nuclear Proteins. , 2011, , 233-241.		3
69	Supplementation of cryomedium with ascorbic acidâ€“2-glucoside (AA2G) improves human sperm post-thaw motility. Fertility and Sterility, 2011, 95, 2001-2004.	0.5	21
70	The paternal epigenome and embryogenesis: poising mechanisms for development. Asian Journal of Andrology, 2011, 13, 76-80.	0.8	82
71	Suplementation of ascorbic acid 2-glucoside (AA2G) to cryomedia and its effects on post-thaw human sperm motility. Fertility and Sterility, 2010, 94, S146-S147.	0.5	0
72	The Sperm Epigenome. , 0, , 230-239.		0