David L Keefe

List of Publications by Year
in descending order

84	6,041	66234	74018
papers	citations	42 h-index	75 g-index

144	144	144	6242
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Control of LINE-1 Expression Maintains Genome Integrity in Germline and Early Embryo Development. Reproductive Sciences, 2022, 29, 328-340.	1.1	19
2	Zscan4 Contributes to Telomere Maintenance in Telomerase-Deficient Late Generation Mouse ESCs and Human ALT Cancer Cells. Cells, 2022, 11, 456.	1.8	8
3	Impact of superovulation and in vitro fertilization on LINE-1 copy number and telomere length in C57BL/6ÂJ mice blastocysts. Molecular Biology Reports, 2022, 49, 4909-4917.	1.0	3
4	Can cell-free DNA (cfDNA) testing alleviate psychological distress in early miscarriage? A commentary. Journal of Assisted Reproduction and Genetics, 2022, 39, 1219-1224.	1.2	2
5	Oocyte stimulation parameters influence the number and proportion of mature oocytes retrieved in assisted reproductive technology cycles. Journal of Assisted Reproduction and Genetics, 2021, 38, 2283-2289.	1.2	4
6	Telomere Shortening and Fusions: A Link to Aneuploidy in Early Human Embryo Development. Obstetrical and Gynecological Survey, 2021, 76, 429-436.	0.2	8
7	Molecular Features of Polycystic Ovary Syndrome Revealed by Transcriptome Analysis of Oocytes and Cumulus Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 735684.	1.8	26
8	Response from the Authors Re: Letter to the Editor for Our Manuscript â€œOocyte stimulation parameters influence the number and proportion of mature oocytes retrieved in assisted reproductive technology cyclesâ€• Journal of Assisted Reproduction and Genetics, 2021, 38, 2805-2805.	1.2	1
9	Idiopathic early ovarian aging: is there a relation with premenopausal accelerated biological aging in young women with diminished response to ART?. Journal of Assisted Reproduction and Genetics, 2021, 38, 3027-3038.	1.2	4
10	Inhibition of LINE-1 retrotransposition represses telomere reprogramming during mouse 2-cell embryo development. Journal of Assisted Reproduction and Genetics, 2021, 38, 3145-3153.	1.2	7
11	Zidovudine inhibits telomere elongation, increases the transposable element LINE-1 copy number and compromises mouse embryo development. Molecular Biology Reports, 2021, 48, 7767-7773.	1.0	2
12	Generation of developmentally competent oocytes and fertile mice from parthenogenetic embryonic stem cells. Protein and Cell, 2021, 12, 947-964.	4.8	8
13	Telomeres and genomic instability during early development. European Journal of Medical Genetics, 2020, 63, 103638.	0.7	36
14	Telomere Length and Telomerase Activity in Immature Oocytes and Cumulus Cells of Women with Polycystic Ovary Syndrome. Reproductive Sciences, 2020, 27, 1293-1303.	1.1	21
15	Relationship of Anxiety, Inflammation, and Telomere Length in Postpartum Women: A Pilot Study. Biological Research for Nursing, 2020, 22, 256-262.	1.0	11
16	Telomere erosion as a placental clock: From placental pathologies to adverse pregnancy outcomes. Placenta, 2020, 97, 101-107.	0.7	14
17	Posthumous assisted reproduction policies among a cohort of United Statesâ€™ inÂvitro fertilization clinics. F&S Reports, 2020, 1, 66-70.	0.4	5
18	Impaired reproductive function and fertility preservation in a woman with a dyskeratosis congenita. Journal of Assisted Reproduction and Genetics, 2020, 37, 1221-1225.	1.2	16

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19	The reproducibility of trophectoderm biopsies in euploid, aneuploid, and mosaic embryos using independently verified next-generation sequencing (NGS): a pilot study. Journal of Assisted Reproduction and Genetics, 2020, 37, 559-571.	1.2	30
20	Widespread Transcriptional Scanning in the Testis Modulates Gene Evolution Rates. Cell, 2020, 180, 248-262.e21.	13.5	111
21	Amyloid-like substance in mice and human oocytes and embryos. Journal of Assisted Reproduction and Genetics, 2019, 36, 1877-1890.	1.2	7
22	Inhibition of line-1 transposition blocks telomere elongation and downregulates totipotency genes during mouse embryo development. Fertility and Sterility, 2019, 112, e126.	0.5	2
23	Easing US restrictions on mitochondrial replacement therapy would protect research interests but grease the slippery slope. Journal of Assisted Reproduction and Genetics, 2019, 36, 1781-1785.	1.2	4
24	Epigenetics and Female Reproductive Aging. Frontiers in Endocrinology, 2019, 10, 473.	1.5	37
25	Uterus transplantation in women who are genetically XY. Journal of Medical Ethics, 2019, 45, 687-689.	1.0	8
26	Telomere length and early trauma in schizophrenia. Schizophrenia Research, 2018, 199, 426-430.	1.1	16
27	Uroplakins play conserved roles in egg fertilization and acquired additional urothelial functions during mammalian divergence. Molecular Biology of the Cell, 2018, 29, 3128-3143.	0.9	11
28	Management and counseling of the male with advanced paternal age. Fertility and Sterility, 2017, 107, 324-328.	0.5	27
29	mTORC1/2 inhibition preserves ovarian function and fertility during genotoxic chemotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3186-3191.	3.3	118
30	Reconstitution of ovarian function following transplantation of primordial germ cells. Scientific Reports, 2017, 7, 1427.	1.6	10
31	Tet Enzymes Regulate Telomere Maintenance and Chromosomal Stability of Mouse ESCs. Cell Reports, 2016, 15, 1809-1821.	2.9	67
32	Telomeres, Reproductive Aging, and Genomic Instability During Early Development. Reproductive Sciences, 2016, 23, 1612-1615.	1.1	61
33	Telomeres and Female Reproductive Aging. Seminars in Reproductive Medicine, 2015, 33, 389-395.	0.5	34
34	Oocyte competency is the key to embryo potential. Fertility and Sterility, 2015, 103, 317-322.	0.5	147
35	Increased DNA damage and repair deficiency in granulosa cells are associated with ovarian aging in rhesus monkey. Journal of Assisted Reproduction and Genetics, 2015, 32, 1069-1078.	1.2	55
36	Telomere length variability is related to symptoms and cognition in schizophrenia. Schizophrenia Research, 2015, 164, 268-269.	1.1	12

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37	A single-cell assay for telomere DNA content shows increasing telomere length heterogeneity, as well as increasing mean telomere length in human spermatozoa with advancing age. Journal of Assisted Reproduction and Genetics, 2015, 32, 1685-1690.	1.2	46
38	Inflammatory biomarkers and telomere length in women with polycystic ovary syndrome. Fertility and Sterility, 2015, 103, 542-547.e2.	0.5	37
39	Telomere Elongation and Naive Pluripotent Stem Cells Achieved from Telomerase Haplo-Insufficient Cells by Somatic Cell Nuclear Transfer. Cell Reports, 2014, 9, 1603-1609.	2.9	14
40	Telomere length, family history, and paternal age in schizophrenia. Molecular Genetics & Genomic Medicine, 2014, 2, 326-331.	0.6	47
41	Telomere Length Reprogramming in Embryos and Stem Cells. BioMed Research International, 2014, 2014, 1-7.	0.9	31
42	Low Vitamin D levels predict clinical features of schizophrenia. Schizophrenia Research, 2014, 159, 543-545.	1.1	53
43	Rif1 Maintains Telomere Length Homeostasis of ESCs by Mediating Heterochromatin Silencing. Developmental Cell, 2014, 29, 7-19.	3.1	102
44	In every end there is a beginningâ€"telomeres in male reproduction. Fertility and Sterility, 2014, 102, 690-691.	0.5	3
45	Telomeres and human reproduction. Fertility and Sterility, 2013, 99, 23-29.	0.5	116
46	No evidence for neo-oogenesis may link to ovarian senescence in adult monkey. Stem Cells, 2013, 31, 2538-2550.	1.4	43
47	Telomere shortening and DNA damage of embryonic stem cells induced by cigarette smoke. Reproductive Toxicology, 2013, 35, 89-95.	1.3	58
48	Ovarian Aging: Breaking Up Is Hard to Fix. Science Translational Medicine, 2013, 5, 172fs5.	5.8	11
49	Resveratrol protects against age-associated infertility in mice. Human Reproduction, 2013, 28, 707-717.	0.4	221
50	Robust measurement of telomere length in single cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1906-12.	3.3	62
51	Delay in oocyte aging in mice by the antioxidant N-acetyl-l-cysteine (NAC). Human Reproduction, 2012, 27, 1411-1420.	0.4	132
52	Association of telomere length with authentic pluripotency of ES/iPS cells. Cell Research, 2011, 21, 779-792.	5.7	123
53	Generation of pluripotent stem cells from eggs of aging mice. Aging Cell, 2010, 9, 113-125.	3.0	13
54	Telomere elongation in induced pluripotent stem cells from dyskeratosis congenita patients. Nature, 2010, 464, 292-296.	13.7	302

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55	Effects of cigarette smoke on fertilization and embryo development in vivo. Fertility and Sterility, 2009, 92, 1456-1465.	0.5	55
56	Telomeres and reproductive aging. Reproduction, Fertility and Development, 2009, 21, 10.	0.1	97
57	Defective cohesin is associated with age-dependent misaligned chromosomes in oocytes. Reproductive BioMedicine Online, 2008, 16, 103-112.	1.1	113
58	Germline stem cells and neo-oogenesis in the adult human ovary. Developmental Biology, 2007, 306, 112-120.	0.9	119
59	Telomere lengthening early in development. Nature Cell Biology, 2007, 9, 1436-1441.	4.6	330
60	Nuclear Transfer Methods to Study Aging. Methods in Molecular Biology, 2007, 371, 191-207.	0.4	5
61	The telomere theory of reproductive senescence in women. Current Opinion in Obstetrics and Gynecology, 2006, 18, 280-285.	0.9	128
62	New Approaches to Assisted Reproductive Technologies. Seminars in Reproductive Medicine, 2005, 23, 301-308.	0.5	8
63	Telomere length predicts embryo fragmentation after in vitro fertilization in womenâ€"Toward a telomere theory of reproductive aging in women. American Journal of Obstetrics and Gynecology, 2005, 192, 1256-1260.	0.7	122
64	Nuclear Origin of Aging-Associated Meiotic Defects in Senescence-Accelerated Mice1. Biology of Reproduction, 2004, 71, 1724-1729.	1.2	39
65	Irregular telomeres impair meiotic synapsis and recombination in mice. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6496-6501.	3.3	146
66	In Vivo Effects of Arsenite on Meiosis, Preimplantation Development, and Apoptosis in the Mouse1. Biology of Reproduction, 2004, 70, 980-985.	1.2	72
67	Direct visual and circadian pathways target neuroendocrine cells in primates. European Journal of Neuroscience, 2004, 20, 2767-2776.	1.2	20
68	Telomerase deficiency impairs differentiation of mesenchymal stem cells. Experimental Cell Research, 2004, 294, 1-8.	1.2	123
69	Noninvasive polarized light microscopy quantitatively distinguishes the multilaminar structure of the zona pellucida of living human eggs and embryos. Fertility and Sterility, 2004, 81, 850-856.	0.5	93
70	Imaging meiotic spindles by polarization light microscopy: principles and applications to IVF. Reproductive BioMedicine Online, 2003, 7, 24-29.	1.1	117
71	Oxidative Stress Contributes to Arsenic-induced Telomere Attrition, Chromosome Instability, and Apoptosis. Journal of Biological Chemistry, 2003, 278, 31998-32004.	1.6	182
72	An Essential Role for Functional Telomeres in Mouse Germ Cells during Fertilization and Early Development. Developmental Biology, 2002, 249, 74-84.	0.9	145

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73	Rigorous thermal control during intracytoplasmic sperm injection stabilizes the meiotic spindle and improves fertilization and pregnancy rates. Fertility and Sterility, 2002, 77, 1274-1277.	0.5	108
74	Mitochondrial dysfunction leads to telomere attrition and genomic instability. Aging Cell, 2002, 1, 40-46.	3.0	211
75	Requirement of functional telomeres for metaphase chromosome alignments and integrity of meiotic spindles. EMBO Reports, 2002, 3, 230-234.	2.0	94
76	Limited recovery of meiotic spindles in living human oocytes after coolingâ€“rewarming observed using polarized light microscopy. Human Reproduction, 2001, 16, 2374-2378.	0.4	272
77	A non-invasive method for measuring preimplantation embryo physiology. Zygote, 2000, 8, 15-24.	0.5	29
78	A reliable, noninvasive technique for spindle imaging and enucleation of mammalian oocytes. Nature Biotechnology, 2000, 18, 223-225.	9.4	141
79	Estrogen modifies the temperature effects of progesterone. Journal of Applied Physiology, 2000, 88, 1643-1649.	1.2	128
80	Oxidative Phosphorylation-Dependent and -Independent Oxygen Consumption by Individual Preimplantation Mouse Embryos1. Biology of Reproduction, 2000, 62, 1866-1874.	1.2	223
81	Increased Birefringence in the Meiotic Spindle Provides a New Marker for the Onset of Activation in Living Oocytes1. Biology of Reproduction, 2000, 63, 251-258.	1.2	83
82	Physiological variability of fluid-regulation hormones in young women. Journal of Applied Physiology, 1999, 86, 1092-1096.	1.2	55
83	The first polar body does not predict accurately the location of the metaphase II meiotic spindle in mammalian oocytes. Fertility and Sterility, 1999, 71, 719-721.	0.5	119
84	Mitochondrial deoxyribonucleic acid deletions in oocytes and reproductive aging in women. Fertility and Sterility, 1995, 64, 577-583.	0.5	282