

Kelton P Tremellen

List of Publications by Year in descending order

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106
papers

6,961
citations

87843

38
h-index

60583

81
g-index

111
all docs

111
docs citations

111
times ranked

6484
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and male infertility—a clinical perspective. <i>Human Reproduction Update</i> , 2008, 14, 243-258.	5.2	1,145
2	BMI in relation to sperm count: an updated systematic review and collaborative meta-analysis. <i>Human Reproduction Update</i> , 2013, 19, 221-231.	5.2	507
3	Seminal Fluid Induces Leukocyte Recruitment and Cytokine and Chemokine mRNA Expression in the Human Cervix after Coitus. <i>Journal of Immunology</i> , 2012, 188, 2445-2454.	0.4	305
4	Primary unexplained infertility is associated with reduced expression of the T-regulatory cell transcription factor Foxp3 in endometrial tissue. <i>Molecular Human Reproduction</i> , 2006, 12, 301-308.	1.3	268
5	Male Oxidative Stress Infertility (MOSI): Proposed Terminology and Clinical Practice Guidelines for Management of Idiopathic Male Infertility. <i>World Journal of Men's Health</i> , 2019, 37, 296.	1.7	256
6	Transforming growth factor $\beta 2$ —a mediator of immune deviation in seminal plasma. <i>Journal of Reproductive Immunology</i> , 2002, 57, 109-128.	0.8	241
7	Seminal plasma differentially regulates inflammatory cytokine gene expression in human cervical and vaginal epithelial cells. <i>Molecular Human Reproduction</i> , 2007, 13, 491-501.	1.3	237
8	Seminal Transforming Growth Factor $\beta 21$, Stimulates Granulocyte-Macrophage Colony-Stimulating Factor Production and Inflammatory Cell Recruitment in the Murine Uterus. <i>Biology of Reproduction</i> , 1998, 58, 1217-1225.	1.2	221
9	Oxidative DNA damage impairs global sperm DNA methylation in infertile men. <i>Journal of Assisted Reproduction and Genetics</i> , 2009, 26, 537-544.	1.2	207
10	Dysbiosis of Gut Microbiota (DOGMA) — A novel theory for the development of Polycystic Ovarian Syndrome. <i>Medical Hypotheses</i> , 2012, 79, 104-112.	0.8	195
11	The effect of intercourse on pregnancy rates during assisted human reproduction. <i>Human Reproduction</i> , 2000, 15, 2653-2658.	0.4	192
12	Anti-mullerian hormone as a marker of ovarian reserve*. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2005, 45, 20-24.	0.4	173
13	A randomised control trial examining the effect of an antioxidant (Menevit) on pregnancy outcome during IVF-ICSI treatment. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2007, 47, 216-221.	0.4	169
14	Impact of body mass index on seminal oxidative stress. <i>Andrologia</i> , 2011, 43, 121-128.	1.0	169
15	TGF- $\beta 2$ Mediates Proinflammatory Seminal Fluid Signaling in Human Cervical Epithelial Cells. <i>Journal of Immunology</i> , 2012, 189, 1024-1035.	0.4	157
16	Anti-Müllerian hormone as a predictor of IVF outcome. <i>Reproductive BioMedicine Online</i> , 2007, 14, 602-610.	1.1	155
17	Cytokine—Leukocyte Networks and the Establishment of Pregnancy. <i>American Journal of Reproductive Immunology</i> , 1997, 37, 438-442.	1.2	152
18	Seminal —priming—™ for protection from pre-eclampsia—a unifying hypothesis. <i>Journal of Reproductive Immunology</i> , 2003, 59, 253-265.	0.8	125

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19	The distribution of immune cells and macrophages in the endometrium of women with recurrent reproductive failure. II: adenomyosis and macrophages. <i>Journal of Reproductive Immunology</i> , 2012, 93, 58-63.	0.8	100
20	Improvement in sperm DNA quality using an oral antioxidant therapy. <i>Reproductive BioMedicine Online</i> , 2009, 18, 761-768.	1.1	99
21	Reduced expression of IL-6 and IL-1 β mRNAs in secretory phase endometrium of women with recurrent miscarriage. <i>Journal of Reproductive Immunology</i> , 2007, 73, 74-84.	0.8	93
22	Consistent high clinical pregnancy rates and low ovarian hyperstimulation syndrome rates in high-risk patients after GnRH agonist triggering and modified luteal support: a retrospective multicentre study. <i>Human Reproduction</i> , 2013, 28, 2529-2536.	0.4	92
23	Ultrasound diagnosed adenomyosis has a negative impact on successful implantation following GnRH antagonist IVF treatment. <i>Human Reproduction</i> , 2012, 27, 3487-3492.	0.4	86
24	Adenomyosis is a potential cause of recurrent implantation failure during IVF treatment. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2011, 51, 280-283.	0.4	82
25	Oocyte maturation employing a GnRH agonist in combination with low-dose hCG luteal rescue minimizes the severity of ovarian hyperstimulation syndrome while maintaining excellent pregnancy rates. <i>Human Reproduction</i> , 2011, 26, 3437-3442.	0.4	78
26	Prospective study into the value of the automated Elecsys anti-M μ llerian hormone assay for the assessment of the ovarian growing follicle pool. <i>Fertility and Sterility</i> , 2015, 103, 1074-1080.e4.	0.5	77
27	Development of the NBT assay as a marker of sperm oxidative stress. <i>Journal of Developmental and Physical Disabilities</i> , 2010, 33, 13-21.	3.6	75
28	Increased gonadotrophin stimulation does not improve IVF outcomes in patients with predicted poor ovarian reserve. <i>Journal of Assisted Reproduction and Genetics</i> , 2008, 25, 515-521.	1.2	70
29	The distribution of immune cells and macrophages in the endometrium of women with recurrent reproductive failure. III: Further observations and reference ranges. <i>Pathology</i> , 2013, 45, 393-401.	0.3	69
30	Serum anti-M μ llerian hormone is a useful measure of quantitative ovarian reserve but does not predict the chances of live birth pregnancy. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2010, 50, 568-572.	0.4	62
31	Avoidance of weekend oocyte retrievals during GnRH antagonist treatment by simple advancement or delay of hCG administration does not adversely affect IVF live birth outcomes. <i>Human Reproduction</i> , 2010, 25, 1219-1224.	0.4	62
32	Ovarian reserve screening: a scientific and ethical analysis. <i>Human Reproduction</i> , 2014, 29, 2606-2614.	0.4	56
33	Endotoxin-initiated inflammation reduces testosterone production in men of reproductive age. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E206-E213.	1.8	56
34	Macrophage activity in semen is significantly correlated with sperm quality in infertile men. <i>Journal of Developmental and Physical Disabilities</i> , 2010, 33, 823-831.	3.6	53
35	Circulating insulin-like factor 3 (INSL3) in healthy and infertile women. <i>Human Reproduction</i> , 2013, 28, 3093-3102.	0.4	47
36	The distribution of immune cells and macrophages in the endometrium of women with recurrent reproductive failure. <i>Journal of Reproductive Immunology</i> , 2011, 91, 90-102.	0.8	43

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37	Serum anti-Mullerian hormone production is not correlated with seasonal fluctuations of vitamin D status in ovulatory or PCOS women. <i>Human Reproduction</i> , 2015, 30, 2171-2177.	0.4	43
38	Gut Endotoxin Leading to a Decline IN Gonadal function (GELDING) - a novel theory for the development of late onset hypogonadism in obese men. <i>Basic and Clinical Andrology</i> , 2016, 26, 7.	0.8	42
39	Increased miscarriage of euploid pregnancies in obese women undergoing cryopreserved embryo transfer. <i>Reproductive BioMedicine Online</i> , 2017, 34, 90-97.	1.1	42
40	The rate of euploid miscarriage is increased in the setting of adenomyosis. <i>Human Reproduction Open</i> , 2018, 2018, hoy011.	2.3	41
41	Seminal plasma transforming growth factor- β^2 , activin A and follistatin fluctuate within men over time. <i>Human Reproduction</i> , 2016, 31, 2183-2191.	0.4	38
42	Metabolic endotoxaemia related inflammation is associated with hypogonadism in overweight men. <i>Basic and Clinical Andrology</i> , 2017, 27, 5.	0.8	35
43	A discussion supporting presumed consent for posthumous sperm procurement and conception. <i>Reproductive BioMedicine Online</i> , 2015, 30, 6-13.	1.1	34
44	Obesity related metabolic endotoxemia is associated with oxidative stress and impaired sperm DNA integrity. <i>Basic and Clinical Andrology</i> , 2019, 29, 6.	0.8	33
45	Serum anti-Mullerian hormone assessment of ovarian reserve and polycystic ovary syndrome status over the reproductive lifespan. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2015, 55, 384-389.	0.4	30
46	Single blastocyst embryo transfer maintains comparable pregnancy rates to double cleavage-stage embryo transfer but results in healthier pregnancy outcomes. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2011, 51, 406-410.	0.4	27
47	A Global Survey of Reproductive Specialists to Determine the Clinical Utility of Oxidative Stress Testing and Antioxidant Use in Male Infertility. <i>World Journal of Men's Health</i> , 2021, 39, 470.	1.7	26
48	Seminal plasma pro-inflammatory cytokines interferon- γ^3 (IFNG) and C-X-C motif chemokine ligand 8 (CXCL8) fluctuate over time within men. <i>Human Reproduction</i> , 2017, 32, 1373-1381.	0.4	22
49	Singleton births after routine preimplantation genetic diagnosis using exclusion testing (D4S43 and Tj ETQq1 1 0.784314 rgBT /Over	0.5	20
50	Metabolic endotoxaemia " a potential novel link between ovarian inflammation and impaired progesterone production. <i>Gynecological Endocrinology</i> , 2015, 31, 309-312.	0.7	20
51	Should obese women's access to assisted fertility treatment be limited? A scientific and ethical analysis. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2017, 57, 569-574.	0.4	19
52	Relevance of Leukocytospermia and Semen Culture and Its True Place in Diagnosing and Treating Male Infertility. <i>World Journal of Men's Health</i> , 2022, 40, 191.	1.7	17
53	Interferon-gamma inhibits seminal plasma induction of colony-stimulating factor 2 in mouse and human reproductive tract epithelial cells. <i>Biology of Reproduction</i> , 2018, 99, 514-526.	1.2	16
54	PIEZO-ICSI increases fertilization rates compared with standard ICSI: a prospective cohort study. <i>Reproductive BioMedicine Online</i> , 2021, 43, 404-412.	1.1	16

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55	Oxidative Stress and Male Infertility: A Clinical Perspective. , 2012, , 325-353.		15
56	Influence of nutrition on the decline of ovarian reserve and subsequent onset of natural menopause. Human Fertility, 2016, 19, 173-179.	0.7	14
57	Increased BMI "alone"™ does not negatively influence sperm function - a retrospective analysis of men attending fertility treatment with corresponding liver function results. Obesity Research and Clinical Practice, 2020, 14, 164-167.	0.8	14
58	Pregnancy and childhood health and developmental outcomes with the use of posthumous human sperm: TableÂl. Human Reproduction, 2015, 30, 2259-2262.	0.4	13
59	For love or money? Australian attitudes to financially compensated (commercial) surrogacy. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2016, 56, 558-563.	0.4	13
60	Reply: Ovarian reserve screening: a scientific and ethical analysis. Human Reproduction, 2015, 30, 1001-1002.	0.4	11
61	Comparison of in vitro fertilisation/intracytoplasmic sperm injection on live birth rates in couples with non-male factor infertility and advanced maternal age. Journal of Assisted Reproduction and Genetics, 2021, 38, 669-678.	1.2	11
62	Antisperm Antibody Testing: A Comprehensive Review of Its Role in the Management of Immunological Male Infertility and Results of a Global Survey of Clinical Practices. World Journal of Men's Health, 2022, 40, 380.	1.7	11
63	Small intestinal bacterial overgrowth (SIBO) as a potential cause of impaired spermatogenesis. Gut, 2020, 69, 2058-2059.	6.1	10
64	Double trouble: Should double embryo transfer be banned?. Theoretical Medicine and Bioethics, 2015, 36, 121-139.	0.4	9
65	Probiotics to improve testicular function (Andrology 5:439"444, 2017) " a comment on mechanism of action and therapeutic potential of probiotics beyond reproduction. Andrology, 2017, 5, 1052-1053.	1.9	9
66	Australians' understanding of the decline in fertility with increasing age and attitudes towards ovarian reserve screening. Australian Journal of Primary Health, 2018, 24, 428.	0.4	8
67	High Body Mass Index is associated with an expansion of endometrial T Regulatory cell and macrophage populations. Journal of Reproductive Immunology, 2018, 129, 36-39.	0.8	8
68	Male seminal parameters are not associated with Leydig cell functional capacity in men. Andrology, 2021, 9, 1126-1136.	1.9	8
69	Metabolic Endotoxemia, Feeding Studies and the Use of the Limulus Amebocyte (LAL) Assay; Is It Fit for Purpose?. Diagnostics, 2020, 10, 428.	1.3	7
70	Use of a male antioxidant nutraceutical is associated with superior live birth rates during IVF treatment. Asian Journal of Andrology, 2021, 23, 16.	0.8	7
71	Potential role of seminal plasma TGFÎ², in the initiation of the post-coital inflammatory response in humans. Journal of Reproductive Immunology, 1997, 34, 76-77.	0.8	6
72	Impact of adenomyosis on pregnancy rates in IVF treatment. Reproductive BioMedicine Online, 2013, 26, 299-300.	1.1	6

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73	Controlled ovarian hyperstimulation during IVF treatment does not increase the risk of preterm delivery compared to the transfer of frozen-thawed embryos in a natural cycle. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2013, 53, 165-169.	0.4	6
74	Posthumous conception by presumed consent. A pragmatic position for a rare but ethically challenging dilemma. Reproductive Biomedicine and Society Online, 2016, 3, 26-29.	0.9	6
75	The Effect of Macronutrients on Reproductive Hormones in Overweight and Obese Men: A Pilot Study. Nutrients, 2019, 11, 3059.	1.7	6
76	A Comprehensive Guide to Sperm Recovery in Infertile Men with Retrograde Ejaculation. World Journal of Men's Health, 2022, 40, 208.	1.7	6
77	Plasma Metabolic and Lipidomic Fingerprinting of Individuals with Increased Intestinal Permeability. Metabolites, 2022, 12, 302.	1.3	6
78	Promoting healthy lifestyle in fertility clinics; an Australian perspective. Human Reproduction Open, 2018, 2018, hox028.	2.3	5
79	Mechanistic insights into the aetiology of postprandial decline in testosterone in reproductive-aged men. Andrologia, 2019, 51, e13418.	1.0	5
80	Effect of Intralipid infusion on peripheral blood T cells and plasma cytokines in women undergoing assisted reproduction treatment. Clinical and Translational Immunology, 2021, 10, e1328.	1.7	4
81	Anti-Müllerian hormone is a predictor of medium-term cumulative live birth following in vitro fertilization/intracytoplasmic sperm injection: A retrospective study. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2022, 272, 220-225.	0.5	4
82	Antioxidant Therapy for the Enhancement of Male Reproductive Health: A Critical Review of the Literature. , 2012, , 389-399.		3
83	Is mandating elective single embryo transfer ethically justifiable in young women?. Reproductive Biomedicine and Society Online, 2015, 1, 81-87.	0.9	3
84	Sequential clomiphene/corifollitrophin alpha as a technique for mild controlled ovarian hyperstimulation in IVF: a proof of concept study. Journal of Assisted Reproduction and Genetics, 2018, 35, 1047-1052.	1.2	3
85	Treatment of Sperm Oxidative Stress. , 2019, , 225-235.		3
86	Seminal "Priming"™ for Successful Mammalian Pregnancy. , 1999, , 88-98.		3
87	The predictive value of anti-Müllerian hormone for natural conception leading to live birth in subfertile couples. Reproductive BioMedicine Online, 2022, 44, 557-564.	1.1	3
88	Exposure to corticosteroids in the first trimester is associated with an increased risk of urogenital congenital anomalies. Human Reproduction, 2022, 37, 2167-2174.	0.4	3
89	Plasma catecholamine levels during exposure to an environment of hyperbaric oxygen. Clinical Autonomic Research, 1993, 3, 91-93.	1.4	2
90	Asynchronous glands in the endometrium of women with recurrent reproductive failure. Pathology, 2014, 46, 325-332.	0.3	2

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91	Influence of Endometriosis on Assisted Reproductive Technology Outcomes. <i>Obstetrics and Gynecology</i> , 2015, 125, 1498-1499.	1.2	2
92	Can the use of diagnostic and prognostic categorisation tailor the need for assisted reproductive technology in infertile couples?. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2021, 61, 297-303.	0.4	2
93	Management of fertility issues in cancer survivors. <i>Australian Family Physician</i> , 2003, 32, 15-8.	0.5	2
94	Influence of Îeta-Cryptoxanthin Supplementation on Ovarian Reserve and Fertility Status in Aged Wistar Rats. <i>Journal of Dietary Supplements</i> , 2020, 17, 273-285.	1.4	1
95	Comparison of in vitro fertilisation/intracytoplasmic sperm injection on live birth rates in couples with non-male factor infertility and advanced maternal age: overlooked detailsâ€”response from authors. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1889-1890.	1.2	1
96	88. Insemination induces pro-inflammatory cytokine mRNA expression in the human cervix. <i>Reproduction, Fertility and Development</i> , 2003, 15, 88.	0.1	1
97	New Developments for the Enhancement of Male Reproductive Health Using Antioxidant Therapy: A Critical Review of the Literature. , 2020, , 553-567.		1
98	An audit of clinical outcomes following ovarian administration of plateletâ€”rich plasma () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (<i>Journal of Obstetrics and Gynaecology</i> , 0, , .	0.4	1
99	The effect of intercourse on pregnancy rates during assisted human reproduction. <i>Human Reproduction</i> , 2001, 16, 2029-2030.	0.4	0
100	34. Recurrent spontaneous abortion (RSA) is associated with reduced endometrial expression of IL-6 mRNA during the secretory phase of the menstrual cycle. <i>Reproduction, Fertility and Development</i> , 2003, 15, 34.	0.1	0
101	Intercourse around the time of embryo transfer. , 0, , 181-183.		0
102	Pre-treatment hormone assessment to optimize IVF outcomes. , 0, , 1-6.		0
103	Authors' response. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2017, 57, E7-E8.	0.4	0
104	Optimizing Body Weight to Improve Reproductive Success. , 0, , 66-75.		0
105	Antioxidant Therapy for the Enhancement of Male Reproductive Health: A Critical Review of the Literature. , 2013, , 339-356.		0
106	Posthumous Reproduction and the Law: Tissue Transplantation, Property Rights and the Reproductive Relational Autonomy. <i>Journal of Law & Medicine</i> , 2021, 28, 663-683.	0.0	0