

Kelton P Tremellen

List of Publications by Citations

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102
papers

5,401
citations

35
h-index

73
g-index

111
ext. papers

6,199
ext. citations

3.9
avg, IF

6.2
L-index

#	Paper	IF	Citations
102	Oxidative stress and male infertility--a clinical perspective. <i>Human Reproduction Update</i> , 2008 , 14, 243-58	5.8	933
101	BMI in relation to sperm count: an updated systematic review and collaborative meta-analysis. <i>Human Reproduction Update</i> , 2013 , 19, 221-31	15.8	365
100	Seminal fluid induces leukocyte recruitment and cytokine and chemokine mRNA expression in the human cervix after coitus. <i>Journal of Immunology</i> , 2012 , 188, 2445-54	5.3	257
99	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, 301-8	4.4	227
98	Transforming growth factor beta--a mediator of immune deviation in seminal plasma. <i>Journal of Reproductive Immunology</i> , 2002 , 57, 109-28	4.2	210
97	Seminal plasma differentially regulates inflammatory cytokine gene expression in human cervical and vaginal epithelial cells. <i>Molecular Human Reproduction</i> , 2007 , 13, 491-501	4.4	204
96	Seminal transforming growth factor beta1 stimulates granulocyte-macrophage colony-stimulating factor production and inflammatory cell recruitment in the murine uterus. <i>Biology of Reproduction</i> , 1998 , 58, 1217-25	3.9	198
95	Oxidative DNA damage impairs global sperm DNA methylation in infertile men. <i>Journal of Assisted Reproduction and Genetics</i> , 2009 , 26, 537-44	3.4	173
94	The effect of intercourse on pregnancy rates during assisted human reproduction. <i>Human Reproduction</i> , 2000 , 15, 2653-8	5.7	161
93	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, 296-312	6.8	151
92	Anti-mullerian hormone as a marker of ovarian reserve. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2005 , 45, 20-4	1.7	148
91	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, 216-21	1.7	143
90	Anti-Müllerian hormone as a predictor of IVF outcome. <i>Reproductive BioMedicine Online</i> , 2007 , 14, 602-10	4	137
89	Impact of body mass index on seminal oxidative stress. <i>Andrologia</i> , 2011 , 43, 121-8	2.4	135
88	Cytokine-leukocyte networks and the establishment of pregnancy. <i>American Journal of Reproductive Immunology</i> , 1997 , 37, 438-42	3.8	126
87	TGF- β mediates proinflammatory seminal fluid signaling in human cervical epithelial cells. <i>Journal of Immunology</i> , 2012 , 189, 1024-35	5.3	125
86	Dysbiosis of Gut Microbiota (DOGMA)--a novel theory for the development of Polycystic Ovarian Syndrome. <i>Medical Hypotheses</i> , 2012 , 79, 104-12	3.8	108

85	Seminal 'priming' for protection from pre-eclampsia-a unifying hypothesis. <i>Journal of Reproductive Immunology</i> , 2003 , 59, 253-65	4.2	103
84	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, 2529-36	5.7	78
83	Improvement in sperm DNA quality using an oral antioxidant therapy. <i>Reproductive BioMedicine Online</i> , 2009 , 18, 761-8	4	76
82	Reduced expression of IL-6 and IL-1alpha mRNAs in secretory phase endometrium of women with recurrent miscarriage. <i>Journal of Reproductive Immunology</i> , 2007 , 73, 74-84	4.2	75
81	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	4.2	68
80	Ultrasound diagnosed adenomyosis has a negative impact on successful implantation following GnRH antagonist IVF treatment. <i>Human Reproduction</i> , 2012 , 27, 3487-92	5.7	67
79	Development of the NBT assay as a marker of sperm oxidative stress. <i>Journal of Developmental and Physical Disabilities</i> , 2010 , 33, 13-21		66
78	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, 3437-42	5.7	64
77	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, 280-3	1.7	60
76	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	1.6	57
75	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, 515-21	3.4	57
74	Prospective study into the value of the automated Elecsys antimüllerian hormone assay for the assessment of the ovarian growing follicle pool. <i>Fertility and Sterility</i> , 2015 , 103, 1074-1080.e4	4.8	54
73	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, 1219-24	5.7	53
72	Serum anti-Müllerian 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, 568-72	1.7	52
71	Ovarian reserve screening: a scientific and ethical analysis. <i>Human Reproduction</i> , 2014 , 29, 2606-14	5.7	46
70	Macrophage activity in semen is significantly correlated with sperm quality in infertile men. <i>Journal of Developmental and Physical Disabilities</i> , 2010 , 33, 823-31		44
69	Endotoxin-initiated inflammation reduces testosterone production in men of reproductive age. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 314, E206-E213	6	38
68	Serum anti-Müllerian hormone production is not correlated with seasonal fluctuations of vitamin D status in ovulatory or PCOS women. <i>Human Reproduction</i> , 2015 , 30, 2171-7	5.7	35

67	The distribution of immune cells and macrophages in the endometrium of women with recurrent reproductive failure I: Techniques. <i>Journal of Reproductive Immunology</i> , 2011 , 91, 90-102	4.2	35
66	Circulating insulin-like factor 3 (INSL3) in healthy and infertile women. <i>Human Reproduction</i> , 2013 , 28, 3093-102	5.7	31
65	Increased miscarriage of euploid pregnancies in obese women undergoing cryopreserved embryo transfer. <i>Reproductive BioMedicine Online</i> , 2017 , 34, 90-97	4	28
64	A discussion supporting presumed consent for posthumous sperm procurement and conception. <i>Reproductive BioMedicine Online</i> , 2015 , 30, 6-13	4	26
63	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	2.8	25
62	Metabolic endotoxaemia related inflammation is associated with hypogonadism in overweight men. <i>Basic and Clinical Andrology</i> , 2017 , 27, 5	2.8	25
61	Seminal plasma transforming growth factor- β activin A and follistatin fluctuate within men over time. <i>Human Reproduction</i> , 2016 , 31, 2183-91	5.7	24
60	The rate of euploid miscarriage is increased in the setting of adenomyosis. <i>Human Reproduction Open</i> , 2018 , 2018, hoy011	6.1	24
59	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, 384-9	1.7	23
58	Obesity related metabolic endotoxemia is associated with oxidative stress and impaired sperm DNA integrity. <i>Basic and Clinical Andrology</i> , 2019 , 29, 6	2.8	21
57	Seminal plasma pro-inflammatory cytokines interferon- γ (IFNG) and C-X-C motif chemokine ligand 8 (CXCL8) fluctuate over time within men. <i>Human Reproduction</i> , 2017 , 32, 1373-1381	5.7	20
56	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, 406-10	1.7	20
55	Singleton births after routine preimplantation genetic diagnosis using exclusion testing (D4S43 and D4S126) for Huntington's disease. <i>Fertility and Sterility</i> , 2006 , 85, 597-602	4.8	19
54	Metabolic endotoxaemia--a potential novel link between ovarian inflammation and impaired progesterone production. <i>Gynecological Endocrinology</i> , 2015 , 31, 309-12	2.4	15
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	3.9	14
52	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	1.7	12
51	Influence of nutrition on the decline of ovarian reserve and subsequent onset of natural menopause. <i>Human Fertility</i> , 2016 , 19, 173-9	1.9	11
50	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, 470-488	6.8	11

49	Pregnancy and childhood health and developmental outcomes with the use of posthumous human sperm. <i>Human Reproduction</i> , 2015 , 30, 2259-62	5.7	9
48	For love or money? Australian attitudes to financially compensated (commercial) surrogacy. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2016 , 56, 558-563	1.7	9
47	Double trouble: should double embryo transfer be banned?. <i>Theoretical Medicine and Bioethics</i> , 2015 , 36, 121-39	0.9	8
46	Oxidative Stress and Male Infertility: A Clinical Perspective 2012 , 325-353		8
45	Potential role of seminal plasma TGF β in the initiation of the post-coital inflammatory response in humans. <i>Journal of Reproductive Immunology</i> , 1997 , 34, 76-77	4.2	6
44	Increased BMI 'alone' does not negatively influence sperm function - a retrospective analysis of men attending fertility treatment with corresponding liver function results. <i>Obesity Research and Clinical Practice</i> , 2020 , 14, 164-167	5.4	6
43	Probiotics to improve testicular function (Andrology 5:439-444, 2017) - a comment on mechanism of action and therapeutic potential of probiotics beyond reproduction. <i>Andrology</i> , 2017 , 5, 1052-1053	4.2	5
42	Controlled ovarian hyper-stimulation during IVF treatment does not increase the risk of preterm delivery compared to the transfer of frozen-thawed embryos in a natural cycle. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2013 , 53, 165-9	1.7	5
41	Impact of adenomyosis on pregnancy rates in IVF treatment. <i>Reproductive BioMedicine Online</i> , 2013 , 26, 299-300	4	4
40	PIEZO-ICSI increases fertilization rates compared with standard ICSI: a prospective cohort study. <i>Reproductive BioMedicine Online</i> , 2021 , 43, 404-412	4	4
39	Metabolic Endotoxemia, Feeding Studies and the Use of the Limulus Amebocyte (LAL) Assay; Is It Fit for Purpose?. <i>Diagnostics</i> , 2020 , 10,	3.8	3
38	Small intestinal bacterial overgrowth (SIBO) as a potential cause of impaired spermatogenesis. <i>Gut</i> , 2020 , 69, 2058-2059	19.2	3
37	Promoting healthy lifestyle in fertility clinics; an Australian perspective. <i>Human Reproduction Open</i> , 2018 , 2018, hox028	6.1	3
36	Mechanistic insights into the aetiology of post-prandial decline in testosterone in reproductive-aged men. <i>Andrologia</i> , 2019 , 51, e13418	2.4	3
35	Antioxidant Therapy for the Enhancement of Male Reproductive Health: A Critical Review of the Literature 2012 , 389-399		3
34	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.. <i>World Journal of Men's Health</i> , 2022 ,	6.8	3
33	Posthumous conception by presumed consent. A pragmatic position for a rare but ethically challenging dilemma. <i>Reproductive Biomedicine and Society Online</i> , 2016 , 3, 26-29	1.2	3
32	The Effect of Macronutrients on Reproductive Hormones in Overweight and Obese Men: A Pilot Study. <i>Nutrients</i> , 2019 , 11,	6.7	3

31	Relevance of Leukocytospermia and Semen Culture and Its True Place in Diagnosing and Treating Male Infertility. <i>World Journal of Men's Health</i> , 2021 ,	6.8	3
30	A Comprehensive Guide to Sperm Recovery in Infertile Men with Retrograde Ejaculation. <i>World Journal of Men's Health</i> , 2021 ,	6.8	3
29	Use of a male antioxidant nutraceutical is associated with superior live birth rates during IVF treatment. <i>Asian Journal of Andrology</i> , 2021 , 23, 16-23	2.8	3
28	Australians' understanding of the decline in fertility with increasing age and attitudes towards ovarian reserve screening. <i>Australian Journal of Primary Health</i> , 2018 , 24, 428-433	1.4	3
27	Comparison of in vitro fertilisation/intracytoplasmic sperm injection on live birth rates in couples with non-male factor infertility and advanced maternal age. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 669-678	3.4	3
26	Sequential clomiphene/corifollitrophin alpha as a technique for mild controlled ovarian hyperstimulation in IVF: a proof of concept study. <i>Journal of Assisted Reproduction and Genetics</i> , 2018 , 35, 1047-1052	3.4	2
25	High Body Mass Index is associated with an expansion of endometrial T Regulatory cell and macrophage populations. <i>Journal of Reproductive Immunology</i> , 2018 , 129, 36-39	4.2	2
24	Plasma catecholamine levels during exposure to an environment of hyperbaric oxygen. <i>Clinical Autonomic Research</i> , 1993 , 3, 91-3	4.3	2
23	Seminal Priming For Successful Mammalian Pregnancy 1999 , 88-98		2
22	Effect of Intralipid infusion on peripheral blood T cells and plasma cytokines in women undergoing assisted reproduction treatment. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1328	6.8	2
21	Management of fertility issues in cancer survivors. <i>Australian Family Physician</i> , 2003 , 32, 15-8		2
20	Is mandating elective single embryo transfer ethically justifiable in young women?. <i>Reproductive Biomedicine and Society Online</i> , 2015 , 1, 81-87	1.2	1
19	Asynchronous glands in the endometrium of women with recurrent reproductive failure. <i>Pathology</i> , 2014 , 46, 325-32	1.6	1
18	New Developments for the Enhancement of Male Reproductive Health Using Antioxidant Therapy: A Critical Review of the Literature 2020 , 553-567		1
17	Male seminal parameters are not associated with Leydig cell functional capacity in men. <i>Andrology</i> , 2021 , 9, 1126-1136	4.2	1
16	Treatment of Sperm Oxidative Stress 2019 , 225-235		1
15	Influence of Beta-Cryptoxanthin Supplementation on Ovarian Reserve and Fertility Status in Aged Wistar Rats. <i>Journal of Dietary Supplements</i> , 2020 , 17, 273-285	2.3	1
14	Influence of Endometriosis on Assisted Reproductive Technology Outcomes: A Systematic Review and Meta-analysis. <i>Obstetrics and Gynecology</i> , 2015 , 125, 1498-1499	4.9	0

- 13 Can the use of diagnostic and prognostic categorisation tailor the need for assisted reproductive technology in infertile couples?. *Australian and New Zealand Journal of Obstetrics and Gynaecology*, **2021**, 61, 297-303 1.7 0
- 12 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 2.4 0
- 11 Optimizing Body Weight to Improve Reproductive Success66-75
- 10 Authors' response. *Australian and New Zealand Journal of Obstetrics and Gynaecology*, **2017**, 57, E7-E8 1.7
- 9 Reply: ovarian reserve screening: a scientific and ethical analysis. *Human Reproduction*, **2015**, 30, 1001-2 5.7
- 8 Intercourse around the time of embryo transfer181-183
- 7 Pre-treatment hormone assessment to optimize IVF outcomes1-6
- 6 The effect of intercourse on pregnancy rates during assisted human reproduction. *Human Reproduction*, **2001**, 16, 2029-2030 5.7
- 5 Life after Embryo Transfer261-264
- 4 Antioxidant Therapy for the Enhancement of Male Reproductive Health: A Critical Review of the Literature **2013**, 339-356
- 3 Comparison of in vitro fertilisation/intracytoplasmic sperm injection on live birth rates in couples with non-male factor infertility and advanced maternal age: overlooked details-response from authors. *Journal of Assisted Reproduction and Genetics*, **2021**, 38, 1889-1890 3.4
- 2 Life after embryo transfer **2021**, 419-425
- 1 Posthumous Reproduction and the Law: Tissue Transplantation, Property Rights and the Reproductive Relational Autonomy. *Journal of Law & Medicine*, **2021**, 28, 663-683 0.3