

Nicholas J Raine-Fenning

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

123 papers	5,418 citations	37 h-index	71 g-index
128 ext. papers	6,390 ext. citations	4.6 avg, IF	5.52 L-index

#	Paper	IF	Citations
123	Association between the number of eggs and live birth in IVF treatment: an analysis of 400 135 treatment cycles. <i>Human Reproduction</i> , 2011 , 26, 1768-74	5.7	548
122	The prevalence of congenital uterine anomalies in unselected and high-risk populations: a systematic review. <i>Human Reproduction Update</i> , 2011 , 17, 761-71	15.8	415
121	The social and psychological impact of endometriosis on women's lives: a critical narrative review. <i>Human Reproduction Update</i> , 2013 , 19, 625-39	15.8	300
120	Reproductive outcomes in women with congenital uterine anomalies: a systematic review. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 371-82	5.8	269
119	Which follicles make the most anti-Müllerian hormone in humans? Evidence for an abrupt decline in AMH production at the time of follicle selection. <i>Molecular Human Reproduction</i> , 2013 , 19, 519-27	4.4	236
118	A prospective, comparative analysis of anti-Müllerian hormone, inhibin-B, and three-dimensional ultrasound determinants of ovarian reserve in the prediction of poor response to controlled ovarian stimulation. <i>Fertility and Sterility</i> , 2010 , 93, 855-64	4.8	189
117	What exactly do we mean by Recurrent implantation failure? A systematic review and opinion. <i>Reproductive BioMedicine Online</i> , 2014 , 28, 409-23	4	152
116	Skin aging and menopause : implications for treatment. <i>American Journal of Clinical Dermatology</i> , 2003 , 4, 371-8	7.1	130
115	Quantifying the changes in endometrial vascularity throughout the normal menstrual cycle with three-dimensional power Doppler angiography. <i>Human Reproduction</i> , 2004 , 19, 330-8	5.7	122
114	Levothyroxine in Women with Thyroid Peroxidase Antibodies before Conception. <i>New England Journal of Medicine</i> , 2019 , 380, 1316-1325	59.2	114
113	Endometrial injury in women undergoing assisted reproductive techniques. <i>The Cochrane Library</i> , 2015 , CD009517	5.2	91
112	ISUOG Practice Guidelines: performance of fetal magnetic resonance imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 671-680	5.8	86
111	Age-related normograms of serum anti-Müllerian hormone levels in a population of infertile women: a multicenter study. <i>Fertility and Sterility</i> , 2011 , 95, 2359-63, 2363.e1	4.8	86
110	The interobserver reliability of ovarian volume measurement is improved with three-dimensional ultrasound, but dependent upon technique. <i>Ultrasound in Medicine and Biology</i> , 2003 , 29, 1685-90	3.5	86
109	Endometrial and subendometrial perfusion are impaired in women with unexplained subfertility. <i>Human Reproduction</i> , 2004 , 19, 2605-14	5.7	79
108	Anti-Müllerian hormone: clairvoyance or crystal clear?. <i>Human Reproduction</i> , 2012 , 27, 631-6	5.7	76
107	Prevalence of uterine anomalies and their impact on early pregnancy in women conceiving after assisted reproduction treatment. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 727-32	5.8	72

106	Prediction of in vitro fertilization outcome at different antral follicle count thresholds in a prospective cohort of 1,012 women. <i>Fertility and Sterility</i> , 2012 , 98, 657-63	4.8	67
105	The cohort of antral follicles measuring 2-6 mm reflects the quantitative status of ovarian reserve as assessed by serum levels of anti-Müllerian hormone and response to controlled ovarian stimulation. <i>Fertility and Sterility</i> , 2010 , 94, 1775-81	4.8	66
104	Pitfalls of ultrasound guided vascular access: the use of three/four-dimensional ultrasound. <i>Anaesthesia</i> , 2008 , 63, 806-13	6.6	66
103	Does 3D ultrasound offer any advantage in the pretreatment assessment of ovarian reserve and prediction of outcome after assisted reproduction treatment?. <i>Human Reproduction</i> , 2007 , 22, 1932-41	5.7	62
102	ISUOG updated consensus statement on the impact of cfDNA aneuploidy testing on screening policies and prenatal ultrasound practice. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 815-816	5.8	61
101	Maternal smoking during pregnancy and fetal organ growth: a magnetic resonance imaging study. <i>PLoS ONE</i> , 2013 , 8, e67223	3.7	56
100	Endometrial injury in women undergoing assisted reproductive techniques. <i>Cochrane Database of Systematic Reviews</i> , 2012 , CD009517		54
99	In vitro dual perfusion of human placental lobules as a flow phantom to investigate the relationship between fetoplacental flow and quantitative 3D power doppler angiography. <i>Placenta</i> , 2009 , 30, 130-5	3.4	54
98	Three-dimensional ultrasound features of the polycystic ovary and the effect of different phenotypic expressions on these parameters. <i>Human Reproduction</i> , 2007 , 22, 3116-23	5.7	54
97	Blastocyst culture using single versus sequential media in clinical IVF: a systematic review and meta-analysis of randomized controlled trials. <i>Journal of Assisted Reproduction and Genetics</i> , 2016 , 33, 1261-1272	3.4	54
96	Artificial oocyte activation to improve reproductive outcomes in women with previous fertilization failure: a systematic review and meta-analysis of RCTs. <i>Human Reproduction</i> , 2015 , 30, 1831-41	5.7	53
95	Quantifying effect of combined oral contraceptive pill on functional ovarian reserve as measured by serum anti-Müllerian hormone and small antral follicle count using three-dimensional ultrasound. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012 , 39, 574-80	5.8	52
94	Interventions to improve reproductive outcomes in women with elevated natural killer cells undergoing assisted reproduction techniques: a systematic review of literature. <i>Human Reproduction</i> , 2014 , 29, 65-75	5.7	48
93	Regular (ICSI) versus ultra-high magnification (IMSI) sperm selection for assisted reproduction. <i>The Cochrane Library</i> , 2013 , CD010167	5.2	48
92	Automated follicle tracking facilitates standardization and may improve work flow. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 30, 1015-8	5.8	48
91	Intracycle variation in number of antral follicles stratified by size and in endocrine markers of ovarian reserve in women with normal ovulatory menstrual cycles. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 41, 216-22	5.8	45
90	Difficult embryo transfers or blood on catheter and assisted reproductive outcomes: a systematic review and meta-analysis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013 , 168, 121-8	2.4	40
89	The "volumetric" pulsatility index as evaluated by spatiotemporal imaging correlation (STIC): a preliminary description of a novel technique, its application to the endometrium and an evaluation of its reproducibility. <i>Ultrasound in Medicine and Biology</i> , 2011 , 37, 2160-8	3.5	38

88	Automated measurements of follicle diameter: a chance to standardize?. <i>Fertility and Sterility</i> , 2009 , 91, 1469-72	4.8	38
87	A randomised controlled trial of 300 versus 225 IU recombinant FSH for ovarian stimulation in predicted normal responders by antral follicle count. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2010 , 117, 853-62	3.7	38
86	Three-dimensional Doppler evaluation of single spherical samples from the placenta: intra- and interobserver reliability. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012 , 40, 200-6	5.8	37
85	Endometrial scratching performed in the non-transfer cycle and outcome of assisted reproduction: a randomized controlled trial. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 375-82	5.8	37
84	The role of three-dimensional ultrasonography in polycystic ovary syndrome. <i>Human Reproduction</i> , 2006 , 21, 2209-15	5.7	37
83	Maternal and neonatal outcomes in pregnant women with PCOS: comparison of different diagnostic definitions. <i>Human Reproduction</i> , 2015 , 30, 2396-403	5.7	36
82	Accuracy of first-trimester ultrasound in diagnosis of tubal ectopic pregnancy in the absence of an obvious extrauterine embryo: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 47, 28-37	5.8	36
81	Defining endometrial growth during the menstrual cycle with three-dimensional ultrasound. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2004 , 111, 944-9	3.7	35
80	Lipidomic analysis of plasma samples from women with polycystic ovary syndrome. <i>Metabolomics</i> , 2015 , 11, 657-666	4.7	34
79	Timing of oocyte maturation and egg collection during controlled ovarian stimulation: a randomized controlled trial evaluating manual and automated measurements of follicle diameter. <i>Fertility and Sterility</i> , 2010 , 94, 184-8	4.8	34
78	Establishing the intercycle variability of three-dimensional ultrasonographic predictors of ovarian reserve. <i>Fertility and Sterility</i> , 2008 , 90, 2126-32	4.8	34
77	Uterine tissue development in healthy women during the normal menstrual cycle and investigations with magnetic resonance imaging. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 192, 648-54	6.4	34
76	We needed to change the mission statement of the marriage: biographical disruptions, appraisals and revisions among couples living with endometriosis. <i>Sociology of Health and Illness</i> , 2016 , 38, 721-35	3	33
75	Automated follicle tracking improves measurement reliability in patients undergoing ovarian stimulation. <i>Reproductive BioMedicine Online</i> , 2009 , 18, 658-63	4	32
74	Outcome of assisted reproduction in women with congenital uterine anomalies: a prospective observational study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018 , 51, 110-117	5.8	31
73	A qualitative study of the impact of endometriosis on male partners. <i>Human Reproduction</i> , 2017 , 32, 1667-1673	5.7	30
72	Strategies for improving outcome of assisted reproduction in women with polycystic ovary syndrome: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 709-718	5.8	30
71	Relationship between hair and salivary cortisol and pregnancy in women undergoing IVF. <i>Psychoneuroendocrinology</i> , 2016 , 74, 397-405	5	29

70	Do dopamine agonists prevent or reduce the severity of ovarian hyperstimulation syndrome in women undergoing assisted reproduction? A systematic review and meta-analysis. <i>Human Fertility</i> , 2013 , 16, 168-74	1.9	28
69	Time-lapse embryo imaging for improving reproductive outcomes: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 44, 394-401	5.8	27
68	Effect of pituitary desensitization on the early growing follicular cohort estimated using anti-Mullerian hormone. <i>Human Reproduction</i> , 2008 , 23, 2577-83	5.7	27
67	Methodological considerations for the correct application of quantitative three-dimensional power Doppler angiography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008 , 32, 115-7; author reply 117-8	5.8	25
66	Measurement of fetal fat in utero in normal and diabetic pregnancies using magnetic resonance imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 335-40	5.8	24
65	Do women with ovaries of polycystic morphology without any other features of PCOS benefit from short-term metformin co-treatment during IVF? A double-blind, placebo-controlled, randomized trial. <i>Human Reproduction</i> , 2011 , 26, 2178-84	5.7	24
64	Deregulation of the endometrial stromal cell secretome precedes embryo implantation failure. <i>Molecular Human Reproduction</i> , 2017 , 23, 478-487	4.4	23
63	Priorities for research in miscarriage: a priority setting partnership between people affected by miscarriage and professionals following the James Lind Alliance methodology. <i>BMJ Open</i> , 2017 , 7, e016571	3.71	23
62	Ultrasound assessment of the peri-implantation uterus: a review. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012 , 39, 612-9	5.8	23
61	Assessing repeatability of 3D Doppler indices obtained by static 3D and STIC power Doppler: a combined in-vivo/in-vitro flow phantom study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 571-6	5.8	23
60	Evaluating the intra- and interobserver reliability of three-dimensional ultrasound and power Doppler angiography (3D-PDA) for assessment of placental volume and vascularity in the second trimester of pregnancy. <i>Ultrasound in Medicine and Biology</i> , 2011 , 37, 376-85	3.5	23
59	Heparin for assisted reproduction. <i>The Cochrane Library</i> , 2013 , CD009452	5.2	22
58	The interovarian variation in three-dimensional ultrasound markers of ovarian reserve in women undergoing baseline investigation for subfertility. <i>Fertility and Sterility</i> , 2011 , 95, 667-72	4.8	22
57	Analysis and acquisition reproducibility of 3D power Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 392-3; author reply 393-4	5.8	22
56	Clarifying the role of three-dimensional transvaginal sonography in reproductive medicine: an evidenced-based appraisal. <i>Journal of Experimental & Clinical Assisted Reproduction</i> , 2005 , 2, 10		22
55	A clinically useful simplified blastocyst grading system. <i>Reproductive BioMedicine Online</i> , 2015 , 31, 523-30	4	20
54	The three-dimensional ultrasonographic ovarian vascularity of women developing poor ovarian response during assisted reproduction treatment and its predictive value. <i>Fertility and Sterility</i> , 2009 , 92, 1862-9	4.8	20
53	Assessment of endometrial and subendometrial blood flow in women undergoing frozen embryo transfer cycles. <i>Reproductive BioMedicine Online</i> , 2014 , 28, 343-51	4	19

52	Intravenous immunoglobulin therapy in compromised pregnancies associated with antiphospholipid antibodies and systemic lupus erythematosus. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1998 , 79, 227-9	2.4	19
51	The association of physiological cortisol and IVF treatment outcomes: a systematic review. <i>Reproductive Medicine and Biology</i> , 2014 , 13, 161-176	4.1	18
50	The predictive value of the automated quantification of the number and size of small antral follicles in women undergoing ART. <i>Human Reproduction</i> , 2009 , 24, 2124-32	5.7	18
49	Re: spatio-temporal imaging correlation (STIC): technical notes about STIC triggering and choosing between power Doppler or high-definition color flow. <i>Ultrasound in Medicine and Biology</i> , 2013 , 39, 549-50	3.5	16
48	Aspirin and heparin as adjuvants during IVF do not improve live birth rates in unexplained implantation failure. <i>Reproductive BioMedicine Online</i> , 2013 , 26, 586-94	4	16
47	Efficacy of Dehydroepiandrosterone (DHEA) to overcome the effect of ovarian ageing (DITTO): A proof of principle double blinded randomized placebo controlled trial. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017 , 218, 39-48	2.4	15
46	Influence of gain adjustment on 3-dimensional power Doppler indices and on spatiotemporal image correlation volumetric pulsatility indices using a flow phantom. <i>Journal of Ultrasound in Medicine</i> , 2013 , 32, 1831-6	2.9	15
45	Intrauterine administration of human chorionic gonadotropin (hCG) for subfertile women undergoing assisted reproduction. <i>The Cochrane Library</i> , 2018 , 10, CD011537	5.2	15
44	Evaluation of progestogen supplementation for luteal phase support in fresh in vitro fertilization cycles. <i>Fertility and Sterility</i> , 2019 , 112, 491-502.e3	4.8	14
43	Evaluation of the intraobserver and interobserver reliability of data acquisition for three-dimensional power Doppler angiography of the whole placenta at 12 weeks gestation. <i>Ultrasound in Medicine and Biology</i> , 2010 , 36, 1405-11	3.5	14
42	Heparin for assisted reproduction: summary of a Cochrane review. <i>Fertility and Sterility</i> , 2015 , 103, 33-4	4.8	13
41	Intrauterine administration of human chorionic gonadotropin (hCG) for subfertile women undergoing assisted reproduction. <i>The Cochrane Library</i> , 2016 , CD011537	5.2	13
40	Conducting dyadic, relational research about endometriosis: A reflexive account of methods, ethics and data analysis. <i>Health (United Kingdom)</i> , 2020 , 24, 79-93	1.9	13
39	Endometrial injury and reproductive outcomes: there's more to this story than meets the horse's blind eye. <i>Human Reproduction</i> , 2015 , 30, 749	5.7	12
38	Regular (ICSI) versus ultra-high magnification (IMSI) sperm selection for assisted reproduction. <i>The Cochrane Library</i> , 2020 , 2, CD010167	5.2	12
37	3D ultrasound in gynecology and reproductive medicine. <i>Women's Health</i> , 2008 , 4, 501-16	3	12
36	A novel technique for the semi-automated measurement of embryo volume: an intraobserver reliability study. <i>Ultrasound in Medicine and Biology</i> , 2010 , 36, 719-25	3.5	11
35	The Prevalence of Thyroid Dysfunction and Autoimmunity in Women With History of Miscarriage or Subfertility. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	10

34	Pelvic congestion syndrome. <i>The Obstetrician and Gynaecologist</i> , 2013 , 15, 151-157	0.9	9
33	NICE guidance on ectopic pregnancy and miscarriage restricts access and choice and may be clinically unsafe. <i>BMJ, The</i> , 2013 , 346, f197	5.9	9
32	The management of miscarriage. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2009 , 23, 479-91	4.6	9
31	Dysmenorrhoea. <i>Current Obstetrics & Gynaecology</i> , 2005 , 15, 394-401		8
30	Endometrial scratching for women with repeated implantation failure. <i>Human Reproduction</i> , 2014 , 29, 2855-6	5.7	7
29	Endometrial spatio-temporal image correlation (STIC) and prediction of outcome following assisted reproductive treatment. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016 , 203, 320-5	2.4	6
28	Examining the ovaries by ultrasound for diagnosing hyperandrogenic anovulation: updating the threshold for newer machines. <i>Fertility and Sterility</i> , 2014 , 101, e25	4.8	4
27	Terms and thresholds for the ultrasound evaluation of the ovaries in women with hyperandrogenic anovulation. <i>Human Reproduction Update</i> , 2014 , 20, 463-4	15.8	4
26	Endometrial injury in women undergoing in vitro fertilisation (IVF). <i>The Cochrane Library</i> , 2021 , 6, CD009517	5.17	4
25	Is there evidence to support serum antinuclear antibodies testing in women with recurrent implantation failure undergoing in vitro fertilization?. <i>Human Fertility</i> , 2017 , 20, 224-226	1.9	3
24	Intrauterine administration of human chorionic gonadotropin (hCG) for subfertile women undergoing assisted reproduction 2015 ,		3
23	Surgical intervention versus expectant management for endometrial polyps in subfertile women. <i>The Cochrane Library</i> , 2014 , CD009592	5.2	3
22	Heparin for assisted reproduction 2011 ,		3
21	Pregnancy of unknown viability or location: less is more in the majority of cases. <i>Journal of Family Planning and Reproductive Health Care</i> , 2012 , 38, 7-10		3
20	A randomised controlled trial to assess the clinical effectiveness and safety of the endometrial scratch procedure prior to first-time IVF, with or without ICSI. <i>Human Reproduction</i> , 2021 , 36, 1841-1853	5.7	3
19	Men, chronic illness and healthwork: accounts from male partners of women with endometriosis. <i>Sociology of Health and Illness</i> , 2020 , 42, 1532-1547	3	2
18	Levothyroxine to increase live births in euthyroid women with thyroid antibodies trying to conceive: the TABLET RCT. <i>Efficacy and Mechanism Evaluation</i> , 2019 , 6, 1-72	1.7	2
17	Oxytocin antagonists for assisted reproduction. <i>The Cochrane Library</i> , 2016 ,	5.2	2

16	Serum concentrations of Ang-2 and Flt-1 may be predictive of pregnancy outcome in women with pregnancies of uncertain viability: a phase I exploratory prognostic factor study. <i>Journal of Obstetrics and Gynaecology</i> , 2018 , 38, 321-326	1.3	2
15	Oxytocin antagonists for assisted reproduction. <i>The Cochrane Library</i> , 2021 , 9, CD012375	5.2	2
14	Temporal validation of a simplified blastocyst grading system. <i>Human Fertility</i> , 2017 , 20, 113-119	1.9	1
13	Response to: "hysteroscopic metroplasty: reproductive outcome in relation to septum size" by Paradisi et al. <i>Archives of Gynecology and Obstetrics</i> , 2014 , 290, 203	2.5	1
12	Doppler imaging in the diagnosis of ovarian disease. <i>Expert Opinion on Medical Diagnostics</i> , 2012 , 6, 59-73		1
11	Re: Measurement of Embryo Volume Using SonoAVC. <i>Ultrasound in Medicine and Biology</i> , 2010 , 36, 2145-2153	3.5	1
10	Qualifying the difficulty of embryo transfer with a visual analogue scale and assessing its impact on IVF outcomes. <i>Human Fertility</i> , 2019 , 22, 177-181	1.9	1
9	Re: Inositol treatment of anovulation in women with polycystic ovary syndrome: a meta-analysis of randomised trials. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2018 , 125, 509	3.7	1
8	Subfertility 2018 , 689-703		1
7	Transfer of thawed frozen embryo versus fresh embryo to improve the healthy baby rate in women undergoing IVF: the E-Freeze RCT. <i>Health Technology Assessment</i> , 2022 , 26, 1-142	4.4	0
6	Response: aspirin to improve IVF unexplained implantation rates: time for an individualized approach. <i>Reproductive BioMedicine Online</i> , 2014 , 28, 134	4	
5	Dharmasena case illustrates what is wrong with complaints procedures. <i>BMJ, The</i> , 2015 , 350, h1130	5.9	
4	3D POWER DOPPLER IN OBSTETRICS. <i>Fetal and Maternal Medicine Review</i> , 2011 , 22, 1-24		
3	Role of combined oral contraceptives in women undergoing assisted reproduction treatment. <i>Expert Review of Obstetrics and Gynecology</i> , 2011 , 6, 495-499		
2	Prediction of vaginal delivery following caesarean section for failure to progress based on the initial aberrant labour pattern. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2002 , 101, 121-3	2.4	
1	Unable to achieve pituitary down-regulation 2021 , 284-290		