

# Nicholas J Raine-Fenning

## List of Publications by Year in descending order

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122  
papers

7,235  
citations

66343

42  
h-index

60623

81  
g-index

128  
all docs

128  
docs citations

128  
times ranked

5922  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1768-1774.	0.9	737
2	The prevalence of congenital uterine anomalies in unselected and high-risk populations: a systematic review. <i>Human Reproduction Update</i> , 2011, 17, 761-771.	10.8	558
3	The social and psychological impact of endometriosis on women's lives: a critical narrative review. <i>Human Reproduction Update</i> , 2013, 19, 625-639.	10.8	428
4	Reproductive outcomes in women with congenital uterine anomalies: a systematic review. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 38, 371-382.	1.7	375
5	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, 519-527.	2.8	283
6	What exactly do we mean by "recurrent implantation failure"? A systematic review and opinion. <i>Reproductive BioMedicine Online</i> , 2014, 28, 409-423.	2.4	235
7	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, 855-864.	1.0	229
8	Levothyroxine in Women with Thyroid Peroxidase Antibodies before Conception. <i>New England Journal of Medicine</i> , 2019, 380, 1316-1325.	27.0	208
9	Skin Aging and Menopause. <i>American Journal of Clinical Dermatology</i> , 2003, 4, 371-378.	6.7	169
10	ISUOG Practice Guidelines: performance of fetal magnetic resonance imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017, 49, 671-680.	1.7	153
11	Quantifying the changes in endometrial vascularity throughout the normal menstrual cycle with three-dimensional power Doppler angiography. <i>Human Reproduction</i> , 2004, 19, 330-338.	0.9	151
12	Endometrial injury in women undergoing assisted reproductive techniques. <i>The Cochrane Library</i> , 2015, , CD009517.	2.8	135
13	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, 2359-2363.e1.	1.0	104
14	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, 1685-1690.	1.5	101
15	Endometrial and subendometrial perfusion are impaired in women with unexplained subfertility. <i>Human Reproduction</i> , 2004, 19, 2605-2614.	0.9	96
16	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, 1775-1781.	1.0	90
17	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, 657-663.	1.0	88
18	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, 727-732.	1.7	87

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19	Anti-Mullerian hormone: clairvoyance or crystal clear?. Human Reproduction, 2012, 27, 631-636.	0.9	87
20	Blastocyst culture using single versus sequential media in clinical IVF: a systematic review and meta-analysis of randomized controlled trials. Journal of Assisted Reproduction and Genetics, 2016, 33, 1261-1272.	2.5	81
21	<scp>ISUOG</scp> updated consensus statement on the impact of <scp>cfDNA</scp> aneuploidy testing on screening policies and prenatal ultrasound practice. Ultrasound in Obstetrics and Gynecology, 2017, 49, 815-816.	1.7	77
22	Does 3D ultrasound offer any advantage in the pretreatment assessment of ovarian reserve and prediction of outcome after assisted reproduction treatment?. Human Reproduction, 2007, 22, 1932-1941.	0.9	75
23	Pitfalls of ultrasound guided vascular access: the use of three/four-dimensional ultrasound. Anaesthesia, 2008, 63, 806-813.	3.8	74
24	Three-dimensional ultrasound features of the polycystic ovary and the effect of different phenotypic expressions on these parameters. Human Reproduction, 2007, 22, 3116-3123.	0.9	67
25	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. Ultrasound in Obstetrics and Gynecology, 2012, 39, 574-580.	1.7	66
26	Maternal Smoking during Pregnancy and Fetal Organ Growth: A Magnetic Resonance Imaging Study. PLoS ONE, 2013, 8, e67223.	2.5	66
27	Regular (ICSI) versus ultra-high magnification (IMSI) sperm selection for assisted reproduction. The Cochrane Library, 2013, , CD010167.	2.8	64
28	Endometrial injury in women undergoing assisted reproductive techniques. The Cochrane Library, 2012, , CD009517.	2.8	61
29	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. Placenta, 2009, 30, 130-135.	1.5	60
30	Intracycle variation in number of antral follicles stratified by size and in endocrine markers of ovarian reserve in women with normal ovulatory menstrual cycles. Ultrasound in Obstetrics and Gynecology, 2013, 41, 216-222.	1.7	60
31	Artificial oocyte activation to improve reproductive outcomes in women with previous fertilization failure: a systematic review and meta-analysis of RCTs. Human Reproduction, 2015, 30, 1831-1841.	0.9	60
32	Interventions to improve reproductive outcomes in women with elevated natural killer cells undergoing assisted reproduction techniques: a systematic review of literature. Human Reproduction, 2014, 29, 65-75.	0.9	58
33	Endometrial scratching performed in the non-transfer cycle and outcome of assisted reproduction: a randomized controlled trial. Ultrasound in Obstetrics and Gynecology, 2013, 42, 375-382.	1.7	54
34	A qualitative study of the impact of endometriosis on male partners. Human Reproduction, 2017, 32, 1667-1673.	0.9	54
35	Automated follicle tracking facilitates standardization and may improve work flow. Ultrasound in Obstetrics and Gynecology, 2007, 30, 1015-1018.	1.7	53
36	Maternal and neonatal outcomes in pregnant women with PCOS: comparison of different diagnostic definitions. Human Reproduction, 2015, 30, 2396-2403.	0.9	53

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37	"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, 721-735.	2.1	51
38	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, 121-128.	1.1	50
39	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.	1.7	50
40	The role of three-dimensional ultrasonography in polycystic ovary syndrome. <i>Human Reproduction</i> , 2006, 21, 2209-2215.	0.9	49
41	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.	1.7	48
42	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.	1.7	48
43	Defining endometrial growth during the menstrual cycle with three-dimensional ultrasound. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2004, 111, 944-949.	2.3	47
44	Deregulation of the endometrial stromal cell secretome precedes embryo implantation failure. <i>Molecular Human Reproduction</i> , 2017, 23, 478-487.	2.8	46
45	Automated measurements of follicle diameter: a chance to standardize?. <i>Fertility and Sterility</i> , 2009, 91, 1469-1472.	1.0	44
46	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, 184-188.	1.0	44
47	Lipidomic analysis of plasma samples from women with polycystic ovary syndrome. <i>Metabolomics</i> , 2015, 11, 657-666.	3.0	44
48	Establishing the intercycle variability of three-dimensional ultrasonographic predictors of ovarian reserve. <i>Fertility and Sterility</i> , 2008, 90, 2126-2132.	1.0	43
49	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, 648-654.	1.3	42
50	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, 853-862.	2.3	41
51	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, 2160-2168.	1.5	40
52	Three-dimensional Doppler evaluation of single spherical samples from the placenta: intra- and interobserver reliability. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012, 40, 200-206.	1.7	39
53	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.	1.9	39
54	Relationship between hair and salivary cortisol and pregnancy in women undergoing IVF. <i>Psychoneuroendocrinology</i> , 2016, 74, 397-405.	2.7	37

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55	Automated follicle tracking improves measurement reliability in patients undergoing ovarian stimulation. <i>Reproductive BioMedicine Online</i> , 2009, 18, 658-663.	2.4	36
56	A clinically useful simplified blastocyst grading system. <i>Reproductive BioMedicine Online</i> , 2015, 31, 523-530.	2.4	34
57	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, 168-174.	1.7	33
58	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, 1862-1869.	1.0	32
59	Time-lapse embryo imaging for improving reproductive outcomes: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 44, 394-401.	1.7	32
60	Effect of pituitary desensitization on the early growing follicular cohort estimated using anti-Mullerian hormone. <i>Human Reproduction</i> , 2008, 23, 2577-2583.	0.9	29
61	Measurement of fetal fat <i>in utero</i> in normal and diabetic pregnancies using magnetic resonance imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013, 42, 335-340.	1.7	29
62	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, 2178-2184.	0.9	28
63	Ultrasound assessment of the peri-implantation uterus: a review. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012, 39, 612-619.	1.7	28
64	Heparin for assisted reproduction. <i>The Cochrane Library</i> , 2014, 2014, CD009452.	2.8	28
65	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.	1.1	27
66	Evaluation of progestogen supplementation for luteal phase support in fresh <i>in vitro</i> fertilization cycles. <i>Fertility and Sterility</i> , 2019, 112, 491-502.e3.	1.0	27
67	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, 2667-2677.	3.6	27
68	Methodological considerations for the correct application of quantitative three-dimensional power Doppler angiography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 32, 115-117.	1.7	26
69	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, 376-385.	1.5	26
70	Assessment of endometrial and subendometrial blood flow in women undergoing frozen embryo transfer cycles. <i>Reproductive BioMedicine Online</i> , 2014, 28, 343-351.	2.4	26
71	Clarifying the role of three-dimensional transvaginal sonography in reproductive medicine: an evidenced-based appraisal. <i>Journal of Experimental &amp; Clinical Assisted Reproduction</i> , 2005, 2, 10.	0.4	25
72	Regular (ICSI) versus ultra-high magnification (IMSI) sperm selection for assisted reproduction. <i>The Cochrane Library</i> , 2020, 2, CD010167.	2.8	25

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73	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, 2124-2132.	0.9	24
74	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, 667-672.	1.0	24
75	Assessing repeatability of 3D Doppler indices obtained by static 3D and STIC power Doppler: a combined <i>in-vivo</i> / <i>in-vitro</i> flow phantom study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013, 42, 571-576.	1.7	24
76	Analysis and acquisition reproducibility of 3D power Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 392-393.	1.7	23
77	Intrauterine administration of human chorionic gonadotropin (hCG) for subfertile women undergoing assisted reproduction. <i>The Cochrane Library</i> , 2016, , CD011537.	2.8	23
78	The association of physiological cortisol and IVF treatment outcomes: a systematic review. <i>Reproductive Medicine and Biology</i> , 2014, 13, 161-176.	2.4	22
79	Intrauterine administration of human chorionic gonadotropin (hCG) for subfertile women undergoing assisted reproduction. <i>The Cochrane Library</i> , 2018, 10, CD011537.	2.8	21
80	Conducting dyadic, relational research about endometriosis: A reflexive account of methods, ethics and data analysis. <i>Health (United Kingdom)</i> , 2020, 24, 79-93.	1.5	21
81	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, 227-229.	1.1	20
82	Aspirin and heparin as adjuvants during IVF do not improve live birth rates in unexplained implantation failure. <i>Reproductive BioMedicine Online</i> , 2013, 26, 586-594.	2.4	20
83	A Novel Technique for the Semi-Automated Measurement of Embryo Volume: An Intraobserver Reliability Study. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 719-725.	1.5	18
84	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, 1831-1836.	1.7	17
85	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, 1405-1411.	1.5	16
86	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, 549-550.	1.5	16
87	Editorial commentary: What's in a number? The polycystic ovary revisited. <i>Human Reproduction</i> , 2011, 26, 3118-3122.	0.9	15
88	Endometrial injury and reproductive outcomes: there's more to this story than meets the horse's blind eye. <i>Human Reproduction</i> , 2015, 30, 749-749.	0.9	15
89	Heparin for assisted reproduction: summary of a Cochrane review. <i>Fertility and Sterility</i> , 2015, 103, 33-34.	1.0	15
90	Endometrial injury in women undergoing in vitro fertilisation (IVF). <i>The Cochrane Library</i> , 2021, 2021, CD009517.	2.8	15

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91	3D Ultrasound in Gynecology and Reproductive Medicine. <i>Women's Health</i> , 2008, 4, 501-516.	1.5	13
92	NICE guidance on ectopic pregnancy and miscarriage restricts access and choice and may be clinically unsafe. <i>BMJ</i> , The, 2013, 346, f197-f197.	6.0	13
93	Endometrial scratching for women with repeated implantation failure. <i>Human Reproduction</i> , 2014, 29, 2855-2856.	0.9	12
94	The management of miscarriage. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2009, 23, 479-491.	2.8	11
95	Pelvic congestion syndrome. <i>The Obstetrician and Gynaecologist</i> , 2013, 15, 151-157.	0.4	11
96	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.	0.9	10
97	Dysmenorrhoea. <i>Current Obstetrics &amp; Gynaecology</i> , 2005, 15, 394-401.	0.2	8
98	Oxytocin antagonists for assisted reproduction. <i>The Cochrane Library</i> , 2021, 2021, CD012375.	2.8	8
99	Surgical intervention versus expectant management for endometrial polyps in subfertile women. <i>The Cochrane Library</i> , 2021, 2021, CD009592.	2.8	7
100	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, 320-325.	1.1	7
101	Terms and thresholds for the ultrasound evaluation of the ovaries in women with hyperandrogenic anovulation. <i>Human Reproduction Update</i> , 2014, 20, 463-464.	10.8	6
102	Men, chronic illness and healthwork: accounts from male partners of women with endometriosis. <i>Sociology of Health and Illness</i> , 2020, 42, 1532-1547.	2.1	6
103	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.	2.8	5
104	Examining the ovaries by ultrasound for diagnosing hyperandrogenic anovulation: updating the threshold for newer machines. <i>Fertility and Sterility</i> , 2014, 101, e25.	1.0	4
105	Oxytocin antagonists for assisted reproduction. <i>The Cochrane Library</i> , 0, , .	2.8	4
106	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.	1.7	4
107	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.	0.7	4
108	Doppler imaging in the diagnosis of ovarian disease. <i>Expert Opinion on Medical Diagnostics</i> , 2012, 6, 59-73.	1.6	3

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109	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.	0.8	3
110	Is there evidence to support serum antinuclear antibodies testing in women with recurrent implantation failure undergoing <i>in vitro</i> fertilization?. <i>Human Fertility</i> , 2017, 20, 224-226.	1.7	3
111	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.	0.9	2
112	Re: Measurement of Embryo Volume Using SonoAVC. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 2145.	1.5	1
113	Ultrasound assessment of antral follicle count. , 0, , 264-273.		1
114	Response to: "Hysteroscopic metroplasty: reproductive outcome in relation to septum size" by Paradisi et al.. <i>Archives of Gynecology and Obstetrics</i> , 2014, 290, 203-203.	1.7	1
115	Temporal validation of a simplified blastocyst grading system. <i>Human Fertility</i> , 2017, 20, 113-119.	1.7	1
116	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, 509-509.	2.3	1
117	Subfertility. , 2018, , 689-703.		1
118	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, 121-123.	1.1	0
119	3D POWER DOPPLER IN OBSTETRICS. <i>Fetal and Maternal Medicine Review</i> , 2011, 22, 1-24.	0.3	0
120	Role of combined oral contraceptives in women undergoing assisted reproduction treatment. <i>Expert Review of Obstetrics and Gynecology</i> , 2011, 6, 495-499.	0.4	0
121	Response: Aspirin to improve IVF unexplained implantation rates: time for an individualized approach. <i>Reproductive BioMedicine Online</i> , 2014, 28, 134.	2.4	0
122	Dharmasena case illustrates what is wrong with complaints procedures. <i>BMJ, The</i> , 2015, 350, h1130-h1130.	6.0	0