

# Juha S Tapanainen

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

4,730  
citations

201674

27  
h-index

102487

66  
g-index

84  
all docs

84  
docs citations

84  
times ranked

4402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations from the international evidence-based guideline for the assessment and management of polycystic ovary syndrome. Human Reproduction, 2018, 33, 1602-1618.	0.9	1,015
2	Men homozygous for an inactivating mutation of the follicle-stimulating hormone (FSH) receptor gene present variable suppression of spermatogenesis and fertility. Nature Genetics, 1997, 15, 205-206.	21.4	509
3	Valproate, lamotrigine, and insulin-mediated risks in women with epilepsy. Annals of Neurology, 1998, 43, 446-451.	5.3	294
4	Endocrine and Metabolic Effects of Metformin Versus Ethinyl Estradiol-Cyproterone Acetate in Obese Women with Polycystic Ovary Syndrome: A Randomized Study. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 3161-3168.	3.6	197
5	Metformin Improves Pregnancy and Live-Birth Rates in Women with Polycystic Ovary Syndrome (PCOS): A Multicenter, Double-Blind, Placebo-Controlled Randomized Trial. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 1492-1500.	3.6	188
6	Expression and Hormonal Regulation of Transcription Factors GATA-4 and GATA-6 in the Mouse Ovary. Endocrinology, 1997, 138, 3505-3514.	2.8	183
7	Metformin Versus Ethinyl Estradiol-Cyproterone Acetate in the Treatment of Nonobese Women with Polycystic Ovary Syndrome: A Randomized Study. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 148-156.	3.6	175
8	Survival of Human Ovarian Follicles from Fetal to Adult Life: Apoptosis, Apoptosis-Related Proteins, and Transcription Factor GATA-4. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3421-3429.	3.6	145
9	Valproate-induced hyperandrogenism during pubertal maturation in girls with epilepsy. Annals of Neurology, 1999, 45, 444-450.	5.3	143
10	Gestational Diabetes Identifies Women at Risk for Permanent Type 1 and Type 2 Diabetes in Fertile Age: Predictive role of autoantibodies. Diabetes Care, 2006, 29, 607-612.	8.6	132
11	Advances in the Molecular Pathophysiology, Genetics, and Treatment of Primary Ovarian Insufficiency. Trends in Endocrinology and Metabolism, 2018, 29, 400-419.	7.1	118
12	Weight Gain and Dyslipidemia in Early Adulthood Associate With Polycystic Ovary Syndrome: Prospective Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 739-747.	3.6	114
13	Anti-Müllerian hormone levels decrease in women using combined contraception independently of administration route. Fertility and Sterility, 2013, 99, 1305-1310.	1.0	100
14	Unfavorable Hormonal, Metabolic, and Inflammatory Alterations Persist after Menopause in Women with PCOS. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1827-1834.	3.6	89
15	Psychological Distress Is More Prevalent in Fertile Age and Premenopausal Women With PCOS Symptoms: 15-Year Follow-Up. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1861-1869.	3.6	83
16	Statin Therapy Worsens Insulin Sensitivity in Women With Polycystic Ovary Syndrome (PCOS): A Prospective, Randomized, Double-Blind, Placebo-Controlled Study. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4798-4807.	3.6	82
17	Normo- and hyperandrogenic women with polycystic ovary syndrome exhibit an adverse metabolic profile through life. Fertility and Sterility, 2017, 107, 788-795.e2.	1.0	81
18	Androgen Profile Through Life in Women With Polycystic Ovary Syndrome: A Nordic Multicenter Collaboration Study. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3400-3407.	3.6	74

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19	Racial and ethnic differences in the prevalence of metabolic syndrome and its components of metabolic syndrome in women with polycystic ovary syndrome: a regional cross-sectional study. American Journal of Obstetrics and Gynecology, 2017, 217, 189.e1-189.e8.	1.3	62
20	The clinical utility of serum anti-Müllerian hormone in the follow-up of ovarian adult-type granulosa cell tumors: A comparative study with inhibin B. International Journal of Cancer, 2015, 137, 1661-1671.	5.1	57
21	Hormone profiling, including anti-Müllerian hormone (AMH), for the diagnosis of polycystic ovary syndrome (PCOS) and characterization of PCOS phenotypes. Gynecological Endocrinology, 2019, 35, 595-600.	1.7	50
22	Expression and Hormonal Regulation of Transcription Factors GATA-4 and GATA-6 in the Mouse Ovary. Endocrinology, 1997, 138, 3505-3514.	2.8	49
23	Circulating anti-Müllerian hormone and steroid hormone levels remain high in pregnant women with polycystic ovary syndrome at term. Fertility and Sterility, 2019, 111, 588-596.e1.	1.0	42
24	The prevalence of Type 2 diabetes is not increased in normal-weight women with PCOS. Human Reproduction, 2017, 32, 2279-2286.	0.9	40
25	Demographic and evolutionary trends in ovarian function and aging. Human Reproduction Update, 2019, 25, 34-50.	10.8	34
26	Type 1 and type 2 diabetes after gestational diabetes: a 23-year cohort study. Diabetologia, 2020, 63, 2123-2128.	6.3	33
27	The Gut Microbiome in Polycystic Ovary Syndrome and Its Association with Metabolic Traits. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 858-871.	3.6	31
28	Long CAG repeats in the AR gene are not associated with infertility in Finnish males. Acta Obstetrica Et Gynecologica Scandinavica, 2003, 82, 162-166.	2.8	30
29	Self-Reported Polycystic Ovary Syndrome Is Associated With Hypertension: A Northern Finland Birth Cohort 1966 Study. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1221-1231.	3.6	30
30	Awareness of polycystic ovary syndrome among obstetrician-gynecologists and endocrinologists in Northern Europe. PLoS ONE, 2019, 14, e0226074.	2.5	29
31	A picture of medically assisted reproduction activities during the COVID-19 pandemic in Europe. Human Reproduction Open, 2020, 2020, hoaa035.	5.4	27
32	Niche matters: The comparison between bone marrow stem cells and endometrial stem cells and stromal fibroblasts reveal distinct migration and cytokine profiles in response to inflammatory stimulus. PLoS ONE, 2017, 12, e0175986.	2.5	26
33	Population-based Data at Ages 31 and 46 Show Decreased HRQoL and Life Satisfaction in Women with PCOS Symptoms. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1814-1826.	3.6	25
34	A missense mutation in SLC26A3 is associated with human male subfertility and impaired activation of CFTR. Scientific Reports, 2017, 7, 14208.	3.3	20
35	Metformin decreases bone turnover markers in polycystic ovary syndrome: a post hoc study. Fertility and Sterility, 2019, 112, 362-370.	1.0	20
36	DUX4 is a multifunctional factor priming human embryonic genome activation. iScience, 2022, 25, 104137.	4.1	20

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37	The effect of atorvastatin treatment on serum oxysterol concentrations and cytochrome P450 3A4 activity. <i>British Journal of Clinical Pharmacology</i> , 2015, 80, 473-479.	2.4	18
38	Testosterone is associated with insulin resistance index independently of adiposity in women with polycystic ovary syndrome. <i>Gynecological Endocrinology</i> , 2018, 34, 40-44.	1.7	17
39	Bone markers in polycystic ovary syndrome: A multicentre study. <i>Clinical Endocrinology</i> , 2017, 87, 673-679.	2.4	16
40	Overweight, obesity and hyperandrogenemia are associated with gestational diabetes mellitus: A follow-up cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020, 99, 1311-1319.	2.8	16
41	The Role of Sequential BMP Signaling in Directing Human Embryonic Stem Cells to Bipotential Gonadal Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4303-4314.	3.6	14
42	The calm after the storm: re-starting ART treatments safely in the wake of the COVID-19 pandemic. <i>Human Reproduction</i> , 2021, 36, 275-282.	0.9	14
43	BMI in childhood and adolescence is associated with impaired reproductive function—a population-based cohort study from birth to age 50 years. <i>Human Reproduction</i> , 2021, 36, 2948-2961.	0.9	14
44	Women with polycystic ovary syndrome are burdened with multimorbidity and medication use independent of body mass index at late fertile age: A population-based cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2022, 101, 728-736.	2.8	14
45	Hyperglycosylated hCG activates LH/hCG-receptor with lower activity than hCG. <i>Molecular and Cellular Endocrinology</i> , 2019, 479, 103-109.	3.2	13
46	Estradiol Valerate in COC Has More Favorable Inflammatory Profile Than Synthetic Ethinyl Estradiol: A Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2483-e2490.	3.6	13
47	Higher blood pressure in normal weight women with PCOS compared to controls. <i>Endocrine Connections</i> , 2021, 10, 154-163.	1.9	13
48	New Insights into the Role of Follicle-stimulating Hormone in Reproduction. <i>Annals of Medicine</i> , 1997, 29, 265-266.	3.8	12
49	Ethinyl estradiol vs estradiol valerate in combined oral contraceptives — Effect on glucose tolerance: A randomized, controlled clinical trial. <i>Contraception</i> , 2021, 103, 53-59.	1.5	12
50	Optimizing bone morphogenic protein 4-mediated human embryonic stem cell differentiation into trophoblast-like cells using fibroblast growth factor 2 and transforming growth factor- $\beta$ /activin/nodal signalling inhibition. <i>Reproductive BioMedicine Online</i> , 2017, 35, 253-263.	2.4	11
51	Complement in Human Pre-implantation Embryos: Attack and Defense. <i>Frontiers in Immunology</i> , 2019, 10, 2234.	4.8	11
52	Incidence of cancer among grand multiparous women in Finland with special focus on non-gynaecological cancers: A population-based cohort study. <i>Acta Oncologica</i> , 2016, 55, 370-376.	1.8	10
53	Small RNA expression and miRNA modification dynamics in human oocytes and early embryos. <i>Genome Research</i> , 2021, 31, 1474-1485.	5.5	10
54	Responsiveness of the Pituitary-Testicular Axis to Gonadotropin-releasing Hormone and Chorionic Gonadotropin during the First Week of Life. <i>Pediatric Research</i> , 1984, 18, 1085-1087.	2.3	9

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55	Ovarian Physiology and GWAS: Biobanks, Biology, and Beyond. Trends in Endocrinology and Metabolism, 2016, 27, 516-528.	7.1	9
56	Should we individualize lipid profiling in women with polycystic ovary syndrome?. Human Reproduction, 2016, 31, 2791-2795.	0.9	9
57	The Long-Term Footprint of Endometriosis: Population-Based Cohort Analysis Reveals Increased Pain Symptoms and Decreased Pain Tolerance at Age 46 Years. Journal of Pain, 2018, 19, 754-763.	1.4	9
58	IL-1 receptor antagonist levels are associated with glucose tolerance in polycystic ovary syndrome. Clinical Endocrinology, 2016, 85, 430-435.	2.4	8
59	Association of Self-Reported Polycystic Ovary Syndrome, Obesity, and Weight Gain From Adolescence to Adulthood With Hypertensive Disorders of Pregnancy. Hypertension, 2021, 77, 1010-1019.	2.7	8
60	Outcomes of SARS-CoV-2 infected pregnancies after medically assisted reproduction. Human Reproduction, 2021, 36, 2883-2890.	0.9	8
61	Multivariate analysis of independent roles of socioeconomic status, occupational physical activity, reproductive factors, and postmenopausal hormonal therapy in risk of breast cancer. Breast Cancer Research and Treatment, 2022, 193, 495-505.	2.5	8
62	Determination of biological activity of gonadotropins hCG and FSH by Förster resonance energy transfer based biosensors. Scientific Reports, 2017, 7, 42219.	3.3	7
63	The effect of length of birth interval on the risk of breast cancer by subtype in grand multiparous women. BMC Cancer, 2019, 19, 199.	2.6	7
64	Effect of polycystic ovary syndrome on cardiac autonomic function at a late fertile age: a prospective Northern Finland Birth Cohort 1966 study. BMJ Open, 2019, 9, e033780.	1.9	6
65	Impact of parity on the incidence of ovarian cancer subtypes: a population-based case-control study. Acta Oncologica, 2021, 60, 850-855.	1.8	6
66	Serum retinol-binding protein 4 levels in polycystic ovary syndrome. Endocrine Connections, 2019, 8, 709-717.	1.9	6
67	Current use of combined hormonal contraception is associated with glucose metabolism disorders in perimenopausal women. European Journal of Endocrinology, 2020, 183, 619-626.	3.7	6
68	Intact luteinizing hormone (LH), LH <sup>12</sup> , and LH <sup>12</sup> core fragment in urine of menstruating women. Minerva Endocrinology, 2022, , .	1.1	6
69	Estradiol Valerate vs Ethinylestradiol in Combined Oral Contraceptives: Effects on the Pituitary-Ovarian Axis. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3008-e3017.	3.6	6
70	Hyperandrogenemia in Early Adulthood Is an Independent Risk Factor for Abnormal Glucose Metabolism in Middle Age. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4621-e4633.	3.6	5
71	Markers of gastrointestinal permeability and dysbiosis in premenopausal women with PCOS: a case-control study. BMJ Open, 2021, 11, e045324.	1.9	5
72	Low Expression of Stanniocalcin 1 (STC-1) Protein Is Associated With Poor Clinicopathologic Features of Endometrial Cancer. Pathology and Oncology Research, 2021, 27, 1609936.	1.9	4

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73	Parity, menopausal hormone therapy, and risk of ovarian granulosa cell tumor – A population-based case-control study. <i>Gynecologic Oncology</i> , 2021, 163, 593-597.	1.4	4
74	A population-based follow-up study shows high psychosis risk in women with PCOS. <i>Archives of Women's Mental Health</i> , 2022, 25, 301-311.	2.6	4
75	Top-quality embryo transfer is associated with lower odds of ectopic pregnancy. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2022, 101, 779-786.	2.8	4
76	Identification of the LH surge by measuring intact and total immunoreactivity in urine for prediction of ovulation time. <i>Hormones, O, , .</i>	1.9	4
77	Plasma pentraxin 3 is higher in early ovarian hyperstimulation syndrome than in uncomplicated in vitro fertilization cycle of high-risk women. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 1569-1578.	1.7	2
78	Aging women with polycystic ovary syndrome: menstrual cycles, metabolic health, and health-related quality of life. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2020, 12, 14-19.	1.4	2
79	Long-term health of women with genetic POI due to FSH-resistant ovaries. <i>Endocrine Connections</i> , 2019, 8, 1354-1362.	1.9	1
80	Title is missing!. , 2019, 14, e0226074.		0
81	Title is missing!. , 2019, 14, e0226074.		0
82	Title is missing!. , 2019, 14, e0226074.		0
83	Title is missing!. , 2019, 14, e0226074.		0