

# Juha S Tapanainen

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

4,730  
citations

201385

27  
h-index

102304

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.	0.4	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.	9.4	509
3	Valproate, lamotrigine, and insulin-mediated risks in women with epilepsy. Annals of Neurology, 1998, 43, 446-451.	2.8	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.	1.8	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.	1.8	188
6	Expression and Hormonal Regulation of Transcription Factors GATA-4 and GATA-6 in the Mouse Ovary. Endocrinology, 1997, 138, 3505-3514.	1.4	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.	1.8	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.	1.8	145
9	Valproate-induced hyperandrogenism during pubertal maturation in girls with epilepsy. Annals of Neurology, 1999, 45, 444-450.	2.8	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.	4.3	132
11	Advances in the Molecular Pathophysiology, Genetics, and Treatment of Primary Ovarian Insufficiency. Trends in Endocrinology and Metabolism, 2018, 29, 400-419.	3.1	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.	1.8	114
13	Anti-Müllerian hormone levels decrease in women using combined contraception independently of administration route. Fertility and Sterility, 2013, 99, 1305-1310.	0.5	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.	1.8	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.	1.8	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.	1.8	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.	0.5	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.	1.8	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. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 189.e1-189.e8.	0.7	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. <i>International Journal of Cancer</i> , 2015, 137, 1661-1671.	2.3	57
21	Hormone profiling, including anti-Müllerian hormone (AMH), for the diagnosis of polycystic ovary syndrome (PCOS) and characterization of PCOS phenotypes. <i>Gynecological Endocrinology</i> , 2019, 35, 595-600.	0.7	50
22	Expression and Hormonal Regulation of Transcription Factors GATA-4 and GATA-6 in the Mouse Ovary. , 1997, .		49
23	Circulating anti-Müllerian hormone and steroid hormone levels remain high in pregnant women with polycystic ovary syndrome at term. <i>Fertility and Sterility</i> , 2019, 111, 588-596.e1.	0.5	42
24	The prevalence of Type 2 diabetes is not increased in normal-weight women with PCOS. <i>Human Reproduction</i> , 2017, 32, 2279-2286.	0.4	40
25	Demographic and evolutionary trends in ovarian function and aging. <i>Human Reproduction Update</i> , 2019, 25, 34-50.	5.2	34
26	Type 1 and type 2 diabetes after gestational diabetes: a 23-year cohort study. <i>Diabetologia</i> , 2020, 63, 2123-2128.	2.9	33
27	The Gut Microbiome in Polycystic Ovary Syndrome and Its Association with Metabolic Traits. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 858-871.	1.8	31
28	Long CAG repeats in the AR gene are not associated with infertility in Finnish males. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2003, 82, 162-166.	1.3	30
29	Self-Reported Polycystic Ovary Syndrome Is Associated With Hypertension: A Northern Finland Birth Cohort 1966 Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1221-1231.	1.8	30
30	Awareness of polycystic ovary syndrome among obstetrician-gynecologists and endocrinologists in Northern Europe. <i>PLoS ONE</i> , 2019, 14, e0226074.	1.1	29
31	A picture of medically assisted reproduction activities during the COVID-19 pandemic in Europe. <i>Human Reproduction Open</i> , 2020, 2020, hoaa035.	2.3	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. <i>PLoS ONE</i> , 2017, 12, e0175986.	1.1	26
33	Population-based Data at Ages 31 and 46 Show Decreased HRQoL and Life Satisfaction in Women with PCOS Symptoms. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1814-1826.	1.8	25
34	A missense mutation in SLC26A3 is associated with human male subfertility and impaired activation of CFTR. <i>Scientific Reports</i> , 2017, 7, 14208.	1.6	20
35	Metformin decreases bone turnover markers in polycystic ovary syndrome: a post hoc study. <i>Fertility and Sterility</i> , 2019, 112, 362-370.	0.5	20
36	DUX4 is a multifunctional factor priming human embryonic genome activation. <i>IScience</i> , 2022, 25, 104137.	1.9	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.	1.1	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.	0.7	17
39	Bone markers in polycystic ovary syndrome: A multicentre study. <i>Clinical Endocrinology</i> , 2017, 87, 673-679.	1.2	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.	1.3	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.	1.8	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.	0.4	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.	0.4	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.	1.3	14
45	Hyperglycosylated hCG activates LH/hCG-receptor with lower activity than hCG. <i>Molecular and Cellular Endocrinology</i> , 2019, 479, 103-109.	1.6	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.	1.8	13
47	Higher blood pressure in normal weight women with PCOS compared to controls. <i>Endocrine Connections</i> , 2021, 10, 154-163.	0.8	13
48	New Insights into the Role of Follicle-stimulating Hormone in Reproduction. <i>Annals of Medicine</i> , 1997, 29, 265-266.	1.5	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.	0.8	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.	1.1	11
51	Complement in Human Pre-implantation Embryos: Attack and Defense. <i>Frontiers in Immunology</i> , 2019, 10, 2234.	2.2	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.	0.8	10
53	Small RNA expression and miRNA modification dynamics in human oocytes and early embryos. <i>Genome Research</i> , 2021, 31, 1474-1485.	2.4	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.	1.1	9

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55	Ovarian Physiology and GWAS: Biobanks, Biology, and Beyond. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 516-528.	3.1	9
56	Should we individualize lipid profiling in women with polycystic ovary syndrome?. <i>Human Reproduction</i> , 2016, 31, 2791-2795.	0.4	9
57	The Long-Term Footprint of Endometriosis: Population-Based Cohort Analysis Reveals Increased Pain Symptoms and Decreased Pain Tolerance at Age 46 Years. <i>Journal of Pain</i> , 2018, 19, 754-763.	0.7	9
58	IL-1 receptor antagonist levels are associated with glucose tolerance in polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2016, 85, 430-435.	1.2	8
59	Association of Self-Reported Polycystic Ovary Syndrome, Obesity, and Weight Gain From Adolescence to Adulthood With Hypertensive Disorders of Pregnancy. <i>Hypertension</i> , 2021, 77, 1010-1019.	1.3	8
60	Outcomes of SARS-CoV-2 infected pregnancies after medically assisted reproduction. <i>Human Reproduction</i> , 2021, 36, 2883-2890.	0.4	8
61	Multivariate analysis of independent roles of socioeconomic status, occupational physical activity, reproductive factors, and postmenopausal hormonal therapy in risk of breast cancer. <i>Breast Cancer Research and Treatment</i> , 2022, 193, 495-505.	1.1	8
62	Determination of biological activity of gonadotropins hCG and FSH by Förster resonance energy transfer based biosensors. <i>Scientific Reports</i> , 2017, 7, 42219.	1.6	7
63	The effect of length of birth interval on the risk of breast cancer by subtype in grand multiparous women. <i>BMC Cancer</i> , 2019, 19, 199.	1.1	7
64	Effect of polycystic ovary syndrome on cardiac autonomic function at a late fertile age: a prospective Northern Finland Birth Cohort 1966 study. <i>BMJ Open</i> , 2019, 9, e033780.	0.8	6
65	Impact of parity on the incidence of ovarian cancer subtypes: a population-based case-control study. <i>Acta Oncologica</i> , 2021, 60, 850-855.	0.8	6
66	Serum retinol-binding protein 4 levels in polycystic ovary syndrome. <i>Endocrine Connections</i> , 2019, 8, 709-717.	0.8	6
67	Current use of combined hormonal contraception is associated with glucose metabolism disorders in perimenopausal women. <i>European Journal of Endocrinology</i> , 2020, 183, 619-626.	1.9	6
68	Intact luteinizing hormone (LH), LH <sup>2</sup> , and LH <sup>2</sup> core fragment in urine of menstruating women. <i>Minerva Endocrinology</i> , 2022, , .	0.6	6
69	Estradiol Valerate vs Ethinylestradiol in Combined Oral Contraceptives: Effects on the Pituitary-Ovarian Axis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3008-e3017.	1.8	6
70	Hyperandrogenemia in Early Adulthood Is an Independent Risk Factor for Abnormal Glucose Metabolism in Middle Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4621-e4633.	1.8	5
71	Markers of gastrointestinal permeability and dysbiosis in premenopausal women with PCOS: a case-control study. <i>BMJ Open</i> , 2021, 11, e045324.	0.8	5
72	Low Expression of Stanniocalcin 1 (STC-1) Protein Is Associated With Poor Clinicopathologic Features of Endometrial Cancer. <i>Pathology and Oncology Research</i> , 2021, 27, 1609936.	0.9	4

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73	Parity, menopausal hormone therapy, and risk of ovarian granulosa cell tumor â€œ A population-based case-control study. <i>Gynecologic Oncology</i> , 2021, 163, 593-597.	0.6	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.	1.2	4
75	Topâ€quality embryo transfer is associated with lower odds of ectopic pregnancy. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2022, 101, 779-786.	1.3	4
76	Identification of the LH surge by measuring intact and total immunoreactivity in urine for prediction of ovulation time. <i>Hormones</i> , 0, , .	0.9	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.	0.8	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.	0.6	2
79	Long-term health of women with genetic POI due to FSH-resistant ovaries. <i>Endocrine Connections</i> , 2019, 8, 1354-1362.	0.8	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