

# Terhi Piltonen

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

6,183  
citations

117625

34  
h-index

74163

75  
g-index

98  
all docs

98  
docs citations

98  
times ranked

4523  
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	Recommendations from the international evidence-based guideline for the assessment and management of polycystic ovary syndrome. Fertility and Sterility, 2018, 110, 364-379.	1.0	759
3	Recommendations from the international evidence-based guideline for the assessment and management of polycystic ovary syndrome. Clinical Endocrinology, 2018, 89, 251-268.	2.4	731
4	Elevated prenatal anti-Müllerian hormone reprograms the fetus and induces polycystic ovary syndrome in adulthood. Nature Medicine, 2018, 24, 834-846.	30.7	289
5	Serum anti-Müllerian hormone levels remain high until late reproductive age and decrease during metformin therapy in women with polycystic ovary syndrome. Human Reproduction, 2005, 20, 1820-1826.	0.9	235
6	Update on PCOS: Consequences, Challenges, and Guiding Treatment. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e1071-e1083.	3.6	210
7	Endometrial function in women with polycystic ovary syndrome: a comprehensive review. Human Reproduction Update, 2021, 27, 584-618.	10.8	150
8	Increased maternal pregnancy complications in polycystic ovary syndrome appear to be independent of obesity. A systematic review, meta-analysis, and meta-regression. Obesity Reviews, 2019, 20, 659-674.	6.5	123
9	Overweight and obese but not normal weight women with PCOS are at increased risk of Type 2 diabetes mellitus. A prospective, population-based cohort study. Human Reproduction, 2017, 32, 423-431.	0.9	120
10	Human Endometrial Fibroblasts Derived from Mesenchymal Progenitors Inherit Progesterone Resistance and Acquire an Inflammatory Phenotype in the Endometrial Niche in Endometriosis. Biology of Reproduction, 2016, 94, 118.	2.7	116
11	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
12	Endometrial stromal fibroblasts from women with polycystic ovary syndrome have impaired progesterone-mediated decidualization, aberrant cytokine profiles and promote enhanced immune cell migration in vitro. Human Reproduction, 2015, 30, 1203-1215.	0.9	107
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	Polycystic ovary syndrome: Endometrial markers. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2016, 37, 66-79.	2.8	98
15	Translation and implementation of the Australian-led PCOS guideline: clinical summary and translation resources from the International Evidence-based Guideline for the Assessment and Management of Polycystic Ovary Syndrome. Medical Journal of Australia, 2018, 209, S3-S8.	1.7	95
16	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
17	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
18	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

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19	Mesenchymal Stem/Progenitors and Other Endometrial Cell Types From Women With Polycystic Ovary Syndrome (PCOS) Display Inflammatory and Oncogenic Potential. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 3765-3775.	3.6	81
20	Normo- and hyperandrogenic women with polycystic ovary syndrome exhibit an adverse metabolic profile through life. <i>Fertility and Sterility</i> , 2017, 107, 788-795.e2.	1.0	81
21	Adrenal Androgen Production Capacity Remains High up to Menopause in Women with Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1973-1978.	3.6	76
22	Androgen Profile Through Life in Women With Polycystic Ovary Syndrome: A Nordic Multicenter Collaboration Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3400-3407.	3.6	74
23	Seminal plasma induces global transcriptomic changes associated with cell migration, proliferation and viability in endometrial epithelial cells and stromal fibroblasts. <i>Human Reproduction</i> , 2014, 29, 1255-1270.	0.9	66
24	Age at adiposity rebound in childhood is associated with PCOS diagnosis and obesity in adulthood—longitudinal analysis of BMI data from birth to age 46 in cases of PCOS. <i>International Journal of Obesity</i> , 2019, 43, 1370-1379.	3.4	64
25	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.	1.3	62
26	Ovarian Age-Related Responsiveness to Human Chorionic Gonadotropin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 3327-3332.	3.6	60
27	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.	1.7	50
28	Effect of the combined oral contraceptive pill and/or metformin in the management of polycystic ovary syndrome: A systematic review with meta-analyses. <i>Clinical Endocrinology</i> , 2019, 91, 479-489.	2.4	50
29	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.	1.0	42
30	Association of polycystic ovary syndrome or anovulatory infertility with offspring psychiatric and mild neurodevelopmental disorders: a Finnish population-based cohort study. <i>Human Reproduction</i> , 2020, 35, 2336-2347.	0.9	41
31	The prevalence of Type 2 diabetes is not increased in normal-weight women with PCOS. <i>Human Reproduction</i> , 2017, 32, 2279-2286.	0.9	40
32	Obesity Represses <i>CYP2R1</i> , the Vitamin D 25-Hydroxylase, in the Liver and Extrahepatic Tissues. <i>JBMR Plus</i> , 2020, 4, e10397.	2.7	39
33	The role of maternal obesity in infant outcomes in polycystic ovary syndrome—A systematic review, meta-analysis, and meta-regression. <i>Obesity Reviews</i> , 2019, 20, 842-858.	6.5	38
34	Ovarian Age-Related Responsiveness to Human Chorionic Gonadotropin in Women with Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3769-3775.	3.6	35
35	Coculturing human endometrial epithelial cells and stromal fibroblasts alters cell-specific gene expression and cytokine production. <i>Fertility and Sterility</i> , 2013, 100, 1132-1143.	1.0	34
36	Uterine fibroids and cardiovascular risk. <i>Human Reproduction</i> , 2016, 31, 2689-2703.	0.9	33

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37	Harmonising research outcomes for polycystic ovary syndrome: an international multi-stakeholder core outcome set. <i>Human Reproduction</i> , 2020, 35, 404-412.	0.9	32
38	Knowledge and Practices Regarding Polycystic Ovary Syndrome among Physicians in Europe, North America, and Internationally: An Online Questionnaire-Based Study. <i>Seminars in Reproductive Medicine</i> , 2018, 36, 019-027.	1.1	31
39	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.	3.6	31
40	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.	3.6	30
41	Awareness of polycystic ovary syndrome among obstetrician-gynecologists and endocrinologists in Northern Europe. <i>PLoS ONE</i> , 2019, 14, e0226074.	2.5	29
42	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.	2.5	26
43	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.	3.6	25
44	Association of maternal polycystic ovary syndrome or anovulatory infertility with obesity and diabetes in offspring: a population-based cohort study. <i>Human Reproduction</i> , 2021, 36, 2345-2357.	0.9	25
45	Leveraging Northern European population history: novel low-frequency variants for polycystic ovary syndrome. <i>Human Reproduction</i> , 2022, 37, 352-365.	0.9	25
46	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
47	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
48	Bone markers in polycystic ovary syndrome: A multicentre study. <i>Clinical Endocrinology</i> , 2017, 87, 673-679.	2.4	16
49	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
50	Women with polycystic ovary syndrome present with altered endometrial expression of stanniocalcin-1. <i>Biology of Reproduction</i> , 2020, 102, 306-315.	2.7	15
51	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
52	Clinical management of pregnancy in women with polycystic ovary syndrome: An expert opinion. <i>Clinical Endocrinology</i> , 2022, 97, 227-236.	2.4	14
53	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
54	Pregnancy and neonatal complications in women with polycystic ovary syndrome in relation to second-trimester anti-Müllerian hormone levels. <i>Reproductive BioMedicine Online</i> , 2019, 39, 141-148.	2.4	13

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55	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
56	Higher blood pressure in normal weight women with PCOS compared to controls. <i>Endocrine Connections</i> , 2021, 10, 154-163.	1.9	13
57	Challenges in diagnosis and understanding of natural history of polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2022, 97, 165-173.	2.4	13
58	Stromal fibroblasts from perimenopausal endometrium exhibit a different transcriptome than those from the premenopausal endometrium. <i>Biology of Reproduction</i> , 2017, 97, 387-399.	2.7	12
59	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
60	The association between blood copper concentration and biomarkers related to cardiovascular disease risk – analysis of 206 individuals in the Northern Finland Birth Cohort 1966. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 51, 12-18.	3.0	10
61	Harmonizing research outcomes for polycystic ovary syndrome (HARP), a marathon not a sprint: current challenges and future research need. <i>Human Reproduction</i> , 2021, 36, 523-528.	0.9	10
62	Decidualized endometrial stromal cells present with altered androgen response in PCOS. <i>Scientific Reports</i> , 2021, 11, 16287.	3.3	10
63	Should we individualize lipid profiling in women with polycystic ovary syndrome?. <i>Human Reproduction</i> , 2016, 31, 2791-2795.	0.9	9
64	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.	1.4	9
65	Vitamin D Levels in Women with Polycystic Ovary Syndrome: A Population-Based Study. <i>Nutrients</i> , 2019, 11, 2831.	4.1	9
66	Thromboinflammatory changes in plasma proteome of pregnant women with PCOS detected by quantitative label-free proteomics. <i>Scientific Reports</i> , 2019, 9, 17578.	3.3	9
67	The determinants and longitudinal changes in vitamin D status in middle-age: a Northern Finland Birth Cohort 1966 study. <i>European Journal of Nutrition</i> , 2021, 60, 4541-4553.	3.9	9
68	IL-1 receptor antagonist levels are associated with glucose tolerance in polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2016, 85, 430-435.	2.4	8
69	Body size during adulthood, but not in childhood, associates with endometriosis, specifically in the peritoneal subtype – population-based life-course data from birth to late fertile age. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021, 100, 1248-1257.	2.8	8
70	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.	2.7	8
71	Advancing our understanding of genetic risk factors and potential personalized strategies for pelvic organ prolapse. <i>Nature Communications</i> , 2022, 13, .	12.8	7
72	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.	1.9	6

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73	Progesterone triggers Rho kinase-cofilin axis during <i>in vitro</i> and <i>in vivo</i> endometrial decidualization. <i>Human Reproduction</i> , 2021, 36, 2230-2248.	0.9	6
74	The association of endometriosis with work ability and work life participation in late forties and lifelong disability retirement up till age 52: A Northern Finland Birth Cohort 1966 study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021, 100, 1822-1829.	2.8	6
75	Serum retinol-binding protein 4 levels in polycystic ovary syndrome. <i>Endocrine Connections</i> , 2019, 8, 709-717.	1.9	6
76	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.	3.7	6
77	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.	3.6	6
78	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.	3.6	5
79	Markers of gastrointestinal permeability and dysbiosis in premenopausal women with PCOS: a case-control study. <i>BMJ Open</i> , 2021, 11, e045324.	1.9	5
80	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.	1.9	4
81	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
82	Natural History of Polycystic Ovary Syndrome and New Advances in the Epidemiology. <i>Seminars in Reproductive Medicine</i> , 2021, 39, 094-101.	1.1	3
83	Reply: Association of maternal polycystic ovary syndrome or anovulatory infertility with obesity and diabetes in offspring: a population-based cohort study. <i>Human Reproduction</i> , 2021, 37, 193-194.	0.9	3
84	Luteal phase deficiency: are we chasing a ghost?. <i>Fertility and Sterility</i> , 2019, 112, 243-244.	1.0	2
85	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
86	Artificial intelligence deep learning model assessment of leukocyte counts and proliferation in endometrium from women with and without polycystic ovary syndrome. <i>F&amp;S Science</i> , 2022, 3, 174-186.	0.9	2
87	Is the Endometrium in Women with PCOS Compromised?. , 2019, , 187-196.		0
88	Title is missing!. , 2019, 14, e0226074.		0
89	Title is missing!. , 2019, 14, e0226074.		0
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91	Title is missing!. , 2019, 14, e0226074.		0