

# Joop S E Laven

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

11,720  
citations

71102

41  
h-index

30087

103  
g-index

120  
all docs

120  
docs citations

120  
times ranked

10800  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-Müllerian hormone expression pattern in the human ovary: potential implications for initial and cyclic follicle recruitment. <i>Molecular Human Reproduction</i> , 2004, 10, 77-83.	2.8	1,053
2	Recommendations from the international evidence-based guideline for the assessment and management of polycystic ovary syndrome. <i>Human Reproduction</i> , 2018, 33, 1602-1618.	0.9	1,015
3	Polycystic ovary syndrome. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16057.	30.5	1,004
4	Anti-Müllerian hormone serum levels: a putative marker for ovarian aging. <i>Fertility and Sterility</i> , 2002, 77, 357-362.	1.0	787
5	Recommendations from the international evidence-based guideline for the assessment and management of polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2018, 110, 364-379.	1.0	759
6	Recommendations from the international evidence-based guideline for the assessment and management of polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2018, 89, 251-268.	2.4	731
7	Association of Age at Onset of Menopause and Time Since Onset of Menopause With Cardiovascular Outcomes, Intermediate Vascular Traits, and All-Cause Mortality. <i>JAMA Cardiology</i> , 2016, 1, 767.	6.1	520
8	Anti-Müllerian hormone: ovarian reserve testing and its potential clinical implications. <i>Human Reproduction Update</i> , 2014, 20, 688-701.	10.8	491
9	Anti-Müllerian Hormone Serum Concentrations in Normoovulatory and Anovulatory Women of Reproductive Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 318-323.	3.6	448
10	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017, 49, 834-841.	21.4	426
11	Large-scale genome-wide meta-analysis of polycystic ovary syndrome suggests shared genetic architecture for different diagnosis criteria. <i>PLoS Genetics</i> , 2018, 14, e1007813.	3.5	341
12	Causal mechanisms and balancing selection inferred from genetic associations with polycystic ovary syndrome. <i>Nature Communications</i> , 2015, 6, 8464.	12.8	304
13	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	27.8	183
14	Cardiovascular and metabolic profiles amongst different polycystic ovary syndrome phenotypes: who is really at risk?. <i>Fertility and Sterility</i> , 2014, 102, 1444-1451.e3.	1.0	154
15	A More Atherogenic Serum Lipoprotein Profile Is Present in Women with Polycystic Ovary Syndrome: A Case-Control Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 470-476.	3.6	152
16	Fertility in women with rheumatoid arthritis: influence of disease activity and medication. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1836-1841.	0.9	147
17	Anti-Müllerian Hormone in PCOS: A Review Informing International Guidelines. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 467-478.	7.1	130
18	Tailored preconceptional dietary and lifestyle counselling in a tertiary outpatient clinic in the Netherlands. <i>Human Reproduction</i> , 2011, 26, 2432-2441.	0.9	125

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19	Diabetes: a metabolic and reproductive disorder in women. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 134-149.	11.4	117
20	A Summary on Polycystic Ovary Syndrome: Diagnostic Criteria, Prevalence, Clinical Manifestations, and Management According to the Latest International Guidelines. <i>Seminars in Reproductive Medicine</i> , 2018, 36, 005-012.	1.1	115
21	Individualized versus standard FSH dosing in women starting IVF/ICSI: an RCT. Part 1: The predicted poor responder. <i>Human Reproduction</i> , 2017, 32, 2496-2505.	0.9	108
22	The phenotype of polycystic ovary syndrome ameliorates with aging. <i>Fertility and Sterility</i> , 2011, 96, 1259-1265.	1.0	107
23	Paternal heterochromatin formation in human embryos is H3K9/HP1 directed and primed by sperm-derived histone modifications. <i>Nature Communications</i> , 2014, 5, 5868.	12.8	101
24	Increased preconception omega-3 polyunsaturated fatty acid intake improves embryo morphology. <i>Fertility and Sterility</i> , 2011, 95, 1820-1823.	1.0	98
25	Impact of an mHealth Platform for Pregnancy on Nutrition and Lifestyle of the Reproductive Population: A Survey. <i>JMIR MHealth and UHealth</i> , 2016, 4, e53.	3.7	97
26	Translation and implementation of the Australianâ€led PCOS guideline: clinical summary and translation resources from the International Evidenceâ€based Guideline for the Assessment and Management of Polycystic Ovary Syndrome. <i>Medical Journal of Australia</i> , 2018, 209, S3-S8.	1.7	95
27	High Androgens in Postmenopausal Women and the Risk for Atherosclerosis and Cardiovascular Disease: The Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1622-1630.	3.6	83
28	Age at natural menopause and risk of type 2 diabetes: a prospective cohort study. <i>Diabetologia</i> , 2017, 60, 1951-1960.	6.3	80
29	Individualized versus standard FSH dosing in women starting IVF/ICSI: an RCT. Part 2: The predicted hyper responder. <i>Human Reproduction</i> , 2017, 32, 2506-2514.	0.9	80
30	Individualized FSH dosing based on ovarian reserve testing in women starting IVF/ICSI: a multicentre trial and cost-effectiveness analysis. <i>Human Reproduction</i> , 2017, 32, 2485-2495.	0.9	70
31	The Genetics of Polycystic Ovary Syndrome: An Overview of Candidate Gene Systematic Reviews and Genome-Wide Association Studies. <i>Journal of Clinical Medicine</i> , 2019, 8, 1606.	2.4	70
32	Follicle Stimulating Hormone Receptor (FSHR) Polymorphisms and Polycystic Ovary Syndrome (PCOS). <i>Frontiers in Endocrinology</i> , 2019, 10, 23.	3.5	66
33	Ovarian Stimulation for In Vitro Fertilization and Long-term Risk of Breast Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 300.	7.4	63
34	Human embryonic growth trajectories and associations with fetal growth and birthweight. <i>Human Reproduction</i> , 2013, 28, 1753-1761.	0.9	62
35	Primary Ovarian Insufficiency. <i>Seminars in Reproductive Medicine</i> , 2016, 34, 230-234.	1.1	62
36	A role for Aurora C in the chromosomal passenger complex during human preimplantation embryo development. <i>Human Reproduction</i> , 2011, 26, 1868-1881.	0.9	58

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37	Cardiovascular Risk in Women With Premature Ovarian Insufficiency Compared to Premenopausal Women at Middle Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3306-3315.	3.6	58
38	Sexual function in women with polycystic ovary syndrome: a systematic review and meta-analysis. <i>Reproductive BioMedicine Online</i> , 2018, 37, 750-760.	2.4	55
39	Genome-wide DNA methylation profiling using the methylation-dependent restriction enzyme LpnPI. <i>Genome Research</i> , 2018, 28, 88-99.	5.5	54
40	The use of the mHealth program Smarter Pregnancy in preconception care: rationale, study design and data collection of a randomized controlled trial. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 46.	2.4	48
41	Healthy preconception nutrition and lifestyle using personalized mobile health coaching is associated with enhanced pregnancy chance. <i>Reproductive BioMedicine Online</i> , 2017, 35, 453-460.	2.4	48
42	The OPTIMIST study: optimisation of cost effectiveness through individualised FSH stimulation dosages for IVF treatment. A randomised controlled trial. <i>BMC Women's Health</i> , 2012, 12, 29.	2.0	45
43	Subfertility in Women With Rheumatoid Arthritis and the Outcome of Fertility Assessments. <i>Arthritis Care and Research</i> , 2017, 69, 1142-1149.	3.4	44
44	Serum dehydroepiandrosterone levels are associated with lower risk of type 2 diabetes: the Rotterdam Study. <i>Diabetologia</i> , 2017, 60, 98-106.	6.3	41
45	AMH as the primary marker for fertility. <i>European Journal of Endocrinology</i> , 2019, 181, D45-D51.	3.7	41
46	Communication and ethical considerations for fertility preservation for patients with childhood, adolescent, and young adult cancer: recommendations from the PanCareLIFE Consortium and the International Late Effects of Childhood Cancer Guideline Harmonization Group. <i>Lancet Oncology</i> , The, 2021, 22, e68-e80.	10.7	37
47	Associations of Endogenous Estradiol and Testosterone Levels With Plaque Composition and Risk of Stroke in Subjects With Carotid Atherosclerosis. <i>Circulation Research</i> , 2018, 122, 97-105.	4.5	36
48	The cardiovascular risk profile of middle-aged women with polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2020, 92, 150-158.	2.4	36
49	Genetics of Early and Normal Menopause. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 377-383.	1.1	35
50	Long-term effects of a three-component lifestyle intervention on emotional well-being in women with Polycystic Ovary Syndrome (PCOS): A secondary analysis of a randomized controlled trial. <i>PLoS ONE</i> , 2020, 15, e0233876.	2.5	34
51	Strong adherence to a healthy dietary pattern is associated with better semen quality, especially in men with poor semen quality. <i>Fertility and Sterility</i> , 2017, 107, 916-923.e2.	1.0	32
52	Polycystic Ovary Syndrome: A Brain Disorder Characterized by Eating Problems Originating during Puberty and Adolescence. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8211.	4.1	32
53	Variants in the ACVR1 gene are associated with AMH levels in women with polycystic ovary syndrome. <i>Human Reproduction</i> , 2008, 24, 241-249.	0.9	31
54	The role of anti-Müllerian hormone in the classification of anovulatory infertility. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2015, 186, 75-79.	1.1	30

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55	The reproductive microbiome – clinical practice recommendations for fertility specialists. Reproductive BioMedicine Online, 2020, 41, 443-453.	2.4	30
56	First effective mHealth nutrition and lifestyle coaching program for subfertile couples undergoing in vitro fertilization treatment: a single-blinded multicenter randomized controlled trial. Fertility and Sterility, 2020, 114, 945-954.	1.0	29
57	Fluctuations in anti-Müllerian hormone levels throughout the menstrual cycle parallel fluctuations in the antral follicle count: a cohort study. Acta Obstetrica Et Gynecologica Scandinavica, 2016, 95, 820-828.	2.8	27
58	Buccal swab as a reliable predictor for X inactivation ratio in inaccessible tissues. Journal of Medical Genetics, 2015, 52, 784-790.	3.2	24
59	Impact of a Blended Periconception Lifestyle Care Approach on Lifestyle Behaviors: Before-and-After Study. Journal of Medical Internet Research, 2020, 22, e19378.	4.3	23
60	Management of Infertility in a Patient Presenting with Ovarian Dysfunction and McCune-Albright Syndrome. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1076-1078.	3.6	22
61	Brief Report: Miscarriages in Female Rheumatoid Arthritis Patients: Associations With Serologic Findings, Disease Activity, and Antirheumatic Drug Treatment. Arthritis and Rheumatology, 2015, 67, 1738-1743.	5.6	22
62	Gonadotrophins versus clomifene citrate with or without intrauterine insemination in women with normogonadotropic anovulation and clomifene failure (M-OVIN): a randomised, two-by-two factorial trial. Lancet, The, 2018, 391, 758-765.	13.7	21
63	Weight Reduction Through a Cognitive Behavioral Therapy Lifestyle Intervention in PCOS: The Primary Outcome of a Randomized Controlled Trial. Obesity, 2020, 28, 2134-2141.	3.0	21
64	The cardiovascular risk profile of middle age women previously diagnosed with premature ovarian insufficiency: A case-control study. PLoS ONE, 2020, 15, e0229576.	2.5	21
65	The effects of bariatric surgery on periconception maternal health: a systematic review and meta-analysis. Human Reproduction Update, 2021, 27, 1030-1055.	10.8	20
66	Preconception folic acid use influences the follicle fluid proteome. European Journal of Clinical Investigation, 2015, 45, 833-841.	3.4	19
67	Cohort Profile Update: the Rotterdam Periconceptional Cohort and embryonic and fetal measurements using 3D ultrasound and virtual reality techniques. International Journal of Epidemiology, 2021, 50, 1426-1427.	1.9	19
68	The vaginal microbiome as a tool to predict IVF success. Current Opinion in Obstetrics and Gynecology, 2020, 32, 169-178.	2.0	19
69	Coronary artery calcification in middle-aged women with premature ovarian insufficiency. Clinical Endocrinology, 2019, 91, 314-322.	2.4	18
70	Anti-Müllerian Hormone and Ovarian Morphology in Women With Hypothalamic Hypogonadism. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2008-e2014.	3.6	17
71	Aging, Cardiovascular Risk, and SHBG Levels in Men and Women From the General Population. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2890-2900.	3.6	16
72	Long-Term Risk of Ovarian Cancer and Borderline Tumors After Assisted Reproductive Technology. Journal of the National Cancer Institute, 2021, 113, 699-709.	6.3	16

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73	Individualized follicleâ€stimulating hormone dosing and inÂvitro fertilization outcome in agonist downregulated cycles: a systematic review. Acta Obstetricia Et Gynecologica Scandinavica, 2016, 95, 1333-1344.	2.8	15
74	Influence of endometrial thickness on pregnancy rates in modified natural cycle frozenâ€thawed embryo transfer. Acta Obstetricia Et Gynecologica Scandinavica, 2018, 97, 808-815.	2.8	14
75	Do female age and body weight modify the effect of individualized <scp>FSH</scp> dosing in <scp>IVF</scp>/<scp>ICSI</scp> treatment? A secondary analysis of the <scp>OPTIMIST</scp> trial. Acta Obstetricia Et Gynecologica Scandinavica, 2019, 98, 1332-1340.	2.8	14
76	Analysis of expression of candidate genes for polycystic ovary syndrome in adult and fetal human and fetal bovine ovariesâ€. Biology of Reproduction, 2020, 103, 840-853.	2.7	14
77	Preconceptional Maternal Vegetable Intake and Paternal Smoking Are Associated with Pre-implantation Embryo Quality. Reproductive Sciences, 2020, 27, 2018-2028.	2.5	13
78	The influence of frozen-thawed and fresh embryo transfer on utero-placental (vascular) development: the Rotterdam Periconception cohort. Human Reproduction, 2021, 36, 2091-2100.	0.9	13
79	Mobile Health Coaching on Nutrition and Lifestyle Behaviors for Subfertile Couples Using the Smarter Pregnancy Program: Model-Based Cost-Effectiveness Analysis. JMIR MHealth and UHealth, 2019, 7, e13935.	3.7	13
80	Are Dieting and Dietary Inadequacy a Second Hit in the Association with Polycystic Ovary Syndrome Severity?. PLoS ONE, 2015, 10, e0142772.	2.5	12
81	Cardiometabolic biomarkers in women with polycystic ovary syndrome. Fertility and Sterility, 2022, 117, 887-896.	1.0	12
82	A higher preconceptional paternal body mass index influences fertilization rate and preimplantation embryo development. Andrology, 2022, 10, 486-494.	3.5	11
83	Anti-MÃ¼llerian Hormone Levels in Adolescence in Relation to Long-term Follow-up for Presence of Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e1084-e1095.	3.6	9
84	Pre-Conception Interventions for Subfertile Couples Undergoing Assisted Reproductive Technology Treatment: Modeling Analysis. JMIR MHealth and UHealth, 2020, 8, e19570.	3.7	9
85	Metabolic health during a randomized controlled lifestyle intervention in women with PCOS. European Journal of Endocrinology, 2022, 186, 53-64.	3.7	9
86	Possible modification of <i>BRSK1</i> on the risk of alkylating chemotherapy-related reduced ovarian function. Human Reproduction, 2021, 36, 1120-1133.	0.9	8
87	Effect of Medications for Gastric Acid-Related Symptoms on Total Motile Sperm Count and Concentration: A Caseâ€Control Study in Men of Subfertile Couples from the Netherlands. Drug Safety, 2017, 40, 241-248.	3.2	7
88	Round Spermatid Injection Rescues Female Lethality of a Paternally Inherited Xist Deletion in Mouse. PLoS Genetics, 2016, 12, e1006358.	3.5	7
89	Comparison of 3 Different AMH Assays With AMH Levels and Follicle Count in Women With Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3714-e3722.	3.6	7
90	The Preconception Dietary Risk score; a simple tool to assess an inadequate habitual diet for clinical practice. E-SPEN Journal, 2014, 9, e13-e19.	0.5	6

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91	Higher preconceptional maternal body mass index is associated with faster early preimplantation embryonic development: the Rotterdam periconception cohort. Reproductive Biology and Endocrinology, 2021, 19, 145.	3.3	6
92	Genetics of Menopause and Primary Ovarian Insufficiency: Time for a Paradigm Shift?. Seminars in Reproductive Medicine, 2020, 38, 256-262.	1.1	6
93	Longitudinal surface measurements of human blastocysts show that the dynamics of blastocoel expansion are associated with fertilization method and ongoing pregnancy. Reproductive Biology and Endocrinology, 2022, 20, 53.	3.3	6
94	Early menopause results from instead of causes premature general ageing. Reproductive BioMedicine Online, 2022, 45, 421-424.	2.4	6
95	Periconceptional maternal body mass index and the impact on post-implantation (sex-specific) embryonic growth and morphological development. International Journal of Obesity, 2021, 45, 2369-2376.	3.4	5
96	The Impact of Preconception Gastric Bypass Surgery on Maternal Micronutrient Status before and during Pregnancy: A Retrospective Cohort Study in the Netherlands between 2009 and 2019. Nutrients, 2022, 14, 736.	4.1	4
97	The Impact of Culture Medium on Morphokinetics of Cleavage Stage Embryos: An Observational Study. Reproductive Sciences, 2022, 29, 2179-2189.	2.5	4
98	Changes in eating behavior through lifestyle treatment in women with polycystic ovary syndrome (PCOS): a randomized controlled trial. Journal of Eating Disorders, 2022, 10, 69.	2.7	4
99	Genetic relationships between early menopause and the behaviour of theca interna during follicular atresia. Human Reproduction, 2020, 35, 2185-2187.	0.9	3
100	Decline of ovarian function in patients with rheumatoid arthritis: serum anti-MÄ¼llerian hormone levels in a longitudinal cohort. RMD Open, 2020, 6, e001307.	3.8	3
101	Lifestyle treatment in women with polycystic ovary syndrome: predictors of weight loss and dropout. Brain and Behavior, 2022, 12, .	2.2	3
102	Large-Scale Evidence-Based Guideline Development Engaging the International PCOS Community. Seminars in Reproductive Medicine, 2018, 36, 028-034.	1.1	2
103	Impact of the newly recommended antral follicle count cut-off for polycystic ovary in adult women with polycystic ovary syndrome. Human Reproduction, 2020, 35, 2166-2167.	0.9	2
104	OUP accepted manuscript. Human Reproduction, 2022, , .	0.9	2
105	Lessons from Genome-Wide Association Studies in Reproductive Medicine. Seminars in Reproductive Medicine, 2016, 34, 193-195.	1.1	1
106	Impact of Bariatric surgery on EmbrYONic, fetal and placental Development (BEYOND): protocol for a prospective cohort study embedded in the Rotterdam periconceptional cohort. BMJ Open, 2021, 11, e051110.	1.9	0
107	The influence of ethnicity on outcomes of ovulation induction with clomifene citrate in women with PCOS. Reproductive BioMedicine Online, 2021, , .	2.4	0
108	Title is missing!. , 2020, 15, e0233876.		0

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109	Title is missing!., 2020, 15, e0233876.		0
110	Title is missing!., 2020, 15, e0233876.		0
111	Title is missing!., 2020, 15, e0233876.		0
112	Title is missing!., 2020, 15, e0233876.		0
113	Title is missing!., 2020, 15, e0233876.		0