

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

71061

41
h-index

30058

103
g-index

120
all docs

120
docs citations

120
times ranked

10800
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-Mullerian hormone expression pattern in the human ovary: potential implications for initial and cyclic follicle recruitment. <i>Molecular Human Reproduction</i> , 2004, 10, 77-83.	1.3	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.	0.4	1,015
3	Polycystic ovary syndrome. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16057.	18.1	1,004
4	Anti-Müllerian hormone serum levels: a putative marker for ovarian aging. <i>Fertility and Sterility</i> , 2002, 77, 357-362.	0.5	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.	0.5	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.	1.2	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.	3.0	520
8	Anti-Müllerian hormone: ovarian reserve testing and its potential clinical implications. <i>Human Reproduction Update</i> , 2014, 20, 688-701.	5.2	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.	1.8	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.	9.4	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.	1.5	341
12	Causal mechanisms and balancing selection inferred from genetic associations with polycystic ovary syndrome. <i>Nature Communications</i> , 2015, 6, 8464.	5.8	304
13	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	13.7	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.	0.5	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.	1.8	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.	0.5	147
17	Anti-Müllerian Hormone in PCOS: A Review Informing International Guidelines. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 467-478.	3.1	130
18	Tailored preconceptional dietary and lifestyle counselling in a tertiary outpatient clinic in the Netherlands. <i>Human Reproduction</i> , 2011, 26, 2432-2441.	0.4	125

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19	Diabetes: a metabolic and reproductive disorder in women. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 134-149.	5.5	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.	0.5	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.	0.4	108
22	The phenotype of polycystic ovary syndrome ameliorates with aging. <i>Fertility and Sterility</i> , 2011, 96, 1259-1265.	0.5	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.	5.8	101
24	Increased preconception omega-3 polyunsaturated fatty acid intake improves embryo morphology. <i>Fertility and Sterility</i> , 2011, 95, 1820-1823.	0.5	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.	1.8	97
26	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. <i>Medical Journal of Australia</i> , 2018, 209, S3-S8.	0.8	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.	1.8	83
28	Age at natural menopause and risk of type 2 diabetes: a prospective cohort study. <i>Diabetologia</i> , 2017, 60, 1951-1960.	2.9	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.	0.4	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.	0.4	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.	1.0	70
32	Follicle Stimulating Hormone Receptor (FSHR) Polymorphisms and Polycystic Ovary Syndrome (PCOS). <i>Frontiers in Endocrinology</i> , 2019, 10, 23.	1.5	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.	3.8	63
34	Human embryonic growth trajectories and associations with fetal growth and birthweight. <i>Human Reproduction</i> , 2013, 28, 1753-1761.	0.4	62
35	Primary Ovarian Insufficiency. <i>Seminars in Reproductive Medicine</i> , 2016, 34, 230-234.	0.5	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.	0.4	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.	1.8	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.	1.1	55
39	Genome-wide DNA methylation profiling using the methylation-dependent restriction enzyme LpnPI. <i>Genome Research</i> , 2018, 28, 88-99.	2.4	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.	0.9	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.	1.1	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.	0.8	45
43	Subfertility in Women With Rheumatoid Arthritis and the Outcome of Fertility Assessments. <i>Arthritis Care and Research</i> , 2017, 69, 1142-1149.	1.5	44
44	Serum dehydroepiandrosterone levels are associated with lower risk of type 2 diabetes: the Rotterdam Study. <i>Diabetologia</i> , 2017, 60, 98-106.	2.9	41
45	AMH as the primary marker for fertility. <i>European Journal of Endocrinology</i> , 2019, 181, D45-D51.	1.9	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> , 2021, 22, e68-e80.	5.1	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.	2.0	36
48	The cardiovascular risk profile of middle-aged women with polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2020, 92, 150-158.	1.2	36
49	Genetics of Early and Normal Menopause. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 377-383.	0.5	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.	1.1	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.	0.5	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.	1.8	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.	0.4	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.	0.5	30

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55	The reproductive microbiome – clinical practice recommendations for fertility specialists. <i>Reproductive BioMedicine Online</i> , 2020, 41, 443-453.	1.1	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. <i>Fertility and Sterility</i> , 2020, 114, 945-954.	0.5	29
57	Fluctuations in anti-Müllerian hormone levels throughout the menstrual cycle parallel fluctuations in the antral follicle count: a cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 820-828.	1.3	27
58	Buccal swab as a reliable predictor for X inactivation ratio in inaccessible tissues. <i>Journal of Medical Genetics</i> , 2015, 52, 784-790.	1.5	24
59	Impact of a Blended Periconception Lifestyle Care Approach on Lifestyle Behaviors: Before-and-After Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e19378.	2.1	23
60	Management of Infertility in a Patient Presenting with Ovarian Dysfunction and McCune-Albright Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1076-1078.	1.8	22
61	Brief Report: Miscarriages in Female Rheumatoid Arthritis Patients: Associations With Serologic Findings, Disease Activity, and Antirheumatic Drug Treatment. <i>Arthritis and Rheumatology</i> , 2015, 67, 1738-1743.	2.9	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. <i>Lancet</i> , 2018, 391, 758-765.	6.3	21
63	Weight Reduction Through a Cognitive Behavioral Therapy Lifestyle Intervention in PCOS: The Primary Outcome of a Randomized Controlled Trial. <i>Obesity</i> , 2020, 28, 2134-2141.	1.5	21
64	The cardiovascular risk profile of middle age women previously diagnosed with premature ovarian insufficiency: A case-control study. <i>PLoS ONE</i> , 2020, 15, e0229576.	1.1	21
65	The effects of bariatric surgery on periconception maternal health: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2021, 27, 1030-1055.	5.2	20
66	Preconception folic acid use influences the follicle fluid proteome. <i>European Journal of Clinical Investigation</i> , 2015, 45, 833-841.	1.7	19
67	Cohort Profile Update: the Rotterdam Periconceptional Cohort and embryonic and fetal measurements using 3D ultrasound and virtual reality techniques. <i>International Journal of Epidemiology</i> , 2021, 50, 1426-1427.	0.9	19
68	The vaginal microbiome as a tool to predict IVF success. <i>Current Opinion in Obstetrics and Gynecology</i> , 2020, 32, 169-178.	0.9	19
69	Coronary artery calcification in middle-aged women with premature ovarian insufficiency. <i>Clinical Endocrinology</i> , 2019, 91, 314-322.	1.2	18
70	Anti-Müllerian Hormone and Ovarian Morphology in Women With Hypothalamic Hypogonadism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2008-e2014.	1.8	17
71	Ageing, Cardiovascular Risk, and SHBG Levels in Men and Women From the General Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2890-2900.	1.8	16
72	Long-Term Risk of Ovarian Cancer and Borderline Tumors After Assisted Reproductive Technology. <i>Journal of the National Cancer Institute</i> , 2021, 113, 699-709.	3.0	16

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73	Individualized follicle-stimulating hormone dosing and in vitro fertilization outcome in agonist downregulated cycles: a systematic review. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 1333-1344.	1.3	15
74	Influence of endometrial thickness on pregnancy rates in modified natural cycle frozen-thawed embryo transfer. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 808-815.	1.3	14
75	Do female age and body weight modify the effect of individualized <sc>FSH</sc> dosing in <sc>IVF</sc>/<sc>ICSI</sc> treatment? A secondary analysis of the <sc>OPTIMIST</sc> trial. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019, 98, 1332-1340.	1.3	14
76	Analysis of expression of candidate genes for polycystic ovary syndrome in adult and fetal human and fetal bovine ovaries. <i>Biology of Reproduction</i> , 2020, 103, 840-853.	1.2	14
77	Preconceptional Maternal Vegetable Intake and Paternal Smoking Are Associated with Pre-implantation Embryo Quality. <i>Reproductive Sciences</i> , 2020, 27, 2018-2028.	1.1	13
78	The influence of frozen-thawed and fresh embryo transfer on utero-placental (vascular) development: the Rotterdam Periconception cohort. <i>Human Reproduction</i> , 2021, 36, 2091-2100.	0.4	13
79	Mobile Health Coaching on Nutrition and Lifestyle Behaviors for Subfertile Couples Using the Smarter Pregnancy Program: Model-Based Cost-Effectiveness Analysis. <i>JMIR MHealth and UHealth</i> , 2019, 7, e13935.	1.8	13
80	Are Dieting and Dietary Inadequacy a Second Hit in the Association with Polycystic Ovary Syndrome Severity?. <i>PLoS ONE</i> , 2015, 10, e0142772.	1.1	12
81	Cardiometabolic biomarkers in women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2022, 117, 887-896.	0.5	12
82	A higher preconceptional paternal body mass index influences fertilization rate and preimplantation embryo development. <i>Andrology</i> , 2022, 10, 486-494.	1.9	11
83	Anti-Müllerian Hormone Levels in Adolescence in Relation to Long-term Follow-up for Presence of Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1084-e1095.	1.8	9
84	Pre-Conception Interventions for Subfertile Couples Undergoing Assisted Reproductive Technology Treatment: Modeling Analysis. <i>JMIR MHealth and UHealth</i> , 2020, 8, e19570.	1.8	9
85	Metabolic health during a randomized controlled lifestyle intervention in women with PCOS. <i>European Journal of Endocrinology</i> , 2022, 186, 53-64.	1.9	9
86	Possible modification of <i>BRSK1</i> on the risk of alkylating chemotherapy-related reduced ovarian function. <i>Human Reproduction</i> , 2021, 36, 1120-1133.	0.4	8
87	Effect of Medications for Gastric Acid-Related Symptoms on Total Motile Sperm Count and Concentration: A Case-Control Study in Men of Subfertile Couples from the Netherlands. <i>Drug Safety</i> , 2017, 40, 241-248.	1.4	7
88	Round Spermatid Injection Rescues Female Lethality of a Paternally Inherited Xist Deletion in Mouse. <i>PLoS Genetics</i> , 2016, 12, e1006358.	1.5	7
89	Comparison of 3 Different AMH Assays With AMH Levels and Follicle Count in Women With Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3714-e3722.	1.8	7
90	The Preconception Dietary Risk score; a simple tool to assess an inadequate habitual diet for clinical practice. <i>E-SPEN Journal</i> , 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. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 145.	1.4	6
92	Genetics of Menopause and Primary Ovarian Insufficiency: Time for a Paradigm Shift?. <i>Seminars in Reproductive Medicine</i> , 2020, 38, 256-262.	0.5	6
93	Longitudinal surface measurements of human blastocysts show that the dynamics of blastocoel expansion are associated with fertilization method and ongoing pregnancy. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 53.	1.4	6
94	Early menopause results from instead of causes premature general ageing. <i>Reproductive BioMedicine Online</i> , 2022, 45, 421-424.	1.1	6
95	Periconceptional maternal body mass index and the impact on post-implantation (sex-specific) embryonic growth and morphological development. <i>International Journal of Obesity</i> , 2021, 45, 2369-2376.	1.6	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. <i>Nutrients</i> , 2022, 14, 736.	1.7	4
97	The Impact of Culture Medium on Morphokinetics of Cleavage Stage Embryos: An Observational Study. <i>Reproductive Sciences</i> , 2022, 29, 2179-2189.	1.1	4
98	Changes in eating behavior through lifestyle treatment in women with polycystic ovary syndrome (PCOS): a randomized controlled trial. <i>Journal of Eating Disorders</i> , 2022, 10, 69.	1.3	4
99	Genetic relationships between early menopause and the behaviour of theca interna during follicular atresia. <i>Human Reproduction</i> , 2020, 35, 2185-2187.	0.4	3
100	Decline of ovarian function in patients with rheumatoid arthritis: serum anti-MÄ¼llerian hormone levels in a longitudinal cohort. <i>RMD Open</i> , 2020, 6, e001307.	1.8	3
101	Lifestyle treatment in women with polycystic ovary syndrome: predictors of weight loss and dropout. <i>Brain and Behavior</i> , 2022, 12, .	1.0	3
102	Large-Scale Evidence-Based Guideline Development Engaging the International PCOS Community. <i>Seminars in Reproductive Medicine</i> , 2018, 36, 028-034.	0.5	2
103	Impact of the newly recommended antral follicle count cut-off for polycystic ovary in adult women with polycystic ovary syndrome. <i>Human Reproduction</i> , 2020, 35, 2166-2167.	0.4	2
104	OUP accepted manuscript. <i>Human Reproduction</i> , 2022, , .	0.4	2
105	Lessons from Genome-Wide Association Studies in Reproductive Medicine. <i>Seminars in Reproductive Medicine</i> , 2016, 34, 193-195.	0.5	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. <i>BMJ Open</i> , 2021, 11, e051110.	0.8	0
107	The influence of ethnicity on outcomes of ovulation induction with clomifene citrate in women with PCOS. <i>Reproductive BioMedicine Online</i> , 2021, , .	1.1	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