

Stephen Franks

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

4,596
citations

172207

29
h-index

133063

59
g-index

64
all docs

64
docs citations

64
times ranked

4521
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement in endocrine and ovarian function during dietary treatment of obese women with polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 1992, 36, 105-111.	1.2	817
2	Follicle dynamics and anovulation in polycystic ovary syndrome. <i>Human Reproduction Update</i> , 2008, 14, 367-378.	5.2	460
3	The management of anovulatory infertility in women with polycystic ovary syndrome: an analysis of the evidence to support the development of global WHO guidance. <i>Human Reproduction Update</i> , 2016, 22, 687-708.	5.2	440
4	Genome-wide association of polycystic ovary syndrome implicates alterations in gonadotropin secretion in European ancestry populations. <i>Nature Communications</i> , 2015, 6, 7502.	5.8	314
5	Development of polycystic ovary syndrome: involvement of genetic and environmental factors. <i>Journal of Developmental and Physical Disabilities</i> , 2006, 29, 278-285.	3.6	234
6	Diagnosis of Polycystic Ovarian Syndrome: In Defense of the Rotterdam Criteria. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 786-789.	1.8	222
7	The management of patients with polycystic ovary syndrome. <i>Nature Reviews Endocrinology</i> , 2014, 10, 624-636.	4.3	134
8	Anti-Müllerian Hormone in PCOS: A Review Informing International Guidelines. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 467-478.	3.1	130
9	Adult polycystic ovary syndrome begins in childhood. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2002, 16, 263-272.	2.2	113
10	Obesity and polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2021, 95, 531-541.	1.2	106
11	Effect of cell shape and packing density on granulosa cell proliferation and formation of multiple layers during early follicle development in the ovary. <i>Journal of Cell Science</i> , 2008, 121, 3890-3900.	1.2	97
12	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020, 52, 1314-1332.	9.4	91
13	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. <i>Science Advances</i> , 2019, 5, eaaw3095.	4.7	86
14	Psychological Distress Is More Prevalent in Fertile Age and Premenopausal Women With PCOS Symptoms: 15-Year Follow-Up. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1861-1869.	1.8	83
15	Ovarian Morphology Is a Marker of Heritable Biochemical Traits in Sisters with Polycystic Ovaries. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3396-3402.	1.8	76
16	Genetics of Ovarian Disorders: Polycystic Ovary Syndrome. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2004, 5, 69-76.	2.6	72
17	Polycystic ovary syndrome: insight into pathogenesis and a common association with insulin resistance. <i>Clinical Medicine</i> , 2016, 16, 262-266.	0.8	71
18	Androgen Action in the Ovary. <i>Frontiers in Endocrinology</i> , 2018, 9, 452.	1.5	69

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19	Polycystic ovary syndrome: insight into pathogenesis and a common association with insulin resistance. <i>Clinical Medicine</i> , 2015, 15, s72-s76.	0.8	62
20	Androgen Stimulates Growth of Mouse Preantral Follicles In Vitro: Interaction With Follicle-Stimulating Hormone and With Growth Factors of the TGF β Superfamily. <i>Endocrinology</i> , 2017, 158, 920-935.	1.4	59
21	Gene Expression in Granulosa Cells From Small Antral Follicles From Women With or Without Polycystic Ovaries. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 6182-6192.	1.8	53
22	Does PCOS have developmental origins?. <i>Fertility and Sterility</i> , 2012, 97, 2-6.	0.5	50
23	Gonadotrophin regimens and oocyte quality in women with polycystic ovaries. <i>Reproductive BioMedicine Online</i> , 2003, 6, 181-184.	1.1	47
24	Animal Models and the Developmental Origins of Polycystic Ovary Syndrome: Increasing Evidence for the Role of Androgens in Programming Reproductive and Metabolic Dysfunction. <i>Endocrinology</i> , 2012, 153, 2536-2538.	1.4	46
25	Genetic and environmental origins of obesity relevant to reproduction. <i>Reproductive BioMedicine Online</i> , 2006, 12, 526-531.	1.1	40
26	Environment, lifestyle and infertility – an inter-generational issue. <i>Nature Medicine</i> , 2002, 8, S33-S40.	15.2	40
27	Assessment and management of anovulatory infertility in polycystic ovary syndrome. <i>Endocrinology and Metabolism Clinics of North America</i> , 2003, 32, 639-651.	1.2	33
28	Cyproterone acetate/ethinyl estradiol for acne and hirsutism: time to revise prescribing policy. <i>Human Reproduction</i> , 2007, 23, 231-232.	0.4	33
29	When should an insulin sensitizing agent be used in the treatment of polycystic ovary syndrome?. <i>Clinical Endocrinology</i> , 2011, 74, 148-151.	1.2	33
30	Onset and Heterogeneity of Responsiveness to FSH in Mouse Preantral Follicles in Culture. <i>Endocrinology</i> , 2017, 158, en.2016-1435.	1.4	31
31	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
32	Do Animal Models of Polycystic Ovary Syndrome Help to Understand Its Pathogenesis and Management? Yes, but Their Limitations Should be Recognized. <i>Endocrinology</i> , 2009, 150, 3983-3985.	1.4	30
33	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
34	SMAD3 directly regulates cell cycle genes to maintain arrest in granulosa cells of mouse primordial follicles. <i>Scientific Reports</i> , 2019, 9, 6513.	1.6	28
35	A systematic review of randomized controlled trials investigating the efficacy and safety of testosterone therapy for female sexual dysfunction in postmenopausal women. <i>Clinical Endocrinology</i> , 2019, 90, 391-414.	1.2	28
36	Nuclear exclusion of SMAD2/3 in granulosa cells is associated with primordial follicle activation in the mouse ovary. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	25

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37	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
38	Low-dose gonadotropin induction of ovulation in anovulatory women: still needed in the age of IVF. <i>Reproduction</i> , 2018, 156, F1-F10.	1.1	24
39	Quantitative Differences in TGF- β Family Members Measured in Small Antral Follicle Fluids From Women With or Without PCO. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 6371-6384.	1.8	24
40	The investigation and management of hirsutism. <i>Journal of Family Planning and Reproductive Health Care</i> , 2012, 38, 182-186.	0.9	21
41	Analysis with the exome array identifies multiple new independent variants in lipid loci. <i>Human Molecular Genetics</i> , 2016, 25, 4094-4106.	1.4	19
42	BMI-Associated Alleles Do Not Constitute Risk Alleles for Polycystic Ovary Syndrome Independently of BMI: A Case-Control Study. <i>PLoS ONE</i> , 2014, 9, e87335.	1.1	16
43	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
44	Intrafollicular Concentrations of the Oocyte-secreted Factors GDF9 and BMP15 Vary Inversely in Polycystic Ovaries. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3374-e3383.	1.8	16
45	Genetic Rodent Models of Obesity-Associated Ovarian Dysfunction and Subfertility: Insights into Polycystic Ovary Syndrome. <i>Frontiers in Endocrinology</i> , 2016, 7, 53.	1.5	15
46	Aberrant subcutaneous adipogenesis precedes adult metabolic dysfunction in an ovine model of polycystic ovary syndrome (PCOS). <i>Molecular and Cellular Endocrinology</i> , 2021, 519, 111042.	1.6	13
47	Micromechanical mapping of the intact ovary interior reveals contrasting mechanical roles for follicles and stroma. <i>Biomaterials</i> , 2021, 277, 121099.	5.7	13
48	Object recognition in the ovary: Quantification of oocytes from microscopic images. , 2009, , .		12
49	Androgen Reduces Mitochondrial Respiration in Mouse Brown Adipocytes: A Model for Disordered Energy Balance in Polycystic Ovary Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 243.	1.8	12
50	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
51	Candidate genes in women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2006, 86, S15-S15.	0.5	7
52	Insights into Manipulating Postprandial Energy Expenditure to Manage Weight Gain in Polycystic Ovary Syndrome. <i>iScience</i> , 2020, 23, 101164.	1.9	7
53	Can Animal Models of PCOS Help Point the Way Towards Early and Effective Therapeutic Intervention in Women With the Syndrome?. <i>Endocrinology</i> , 2015, 156, 2371-2373.	1.4	6
54	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

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55	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
56	Divergences in insulin resistance between the different phenotypes of the polycystic ovary syndrome. <i>Expert Review of Endocrinology and Metabolism</i> , 2013, 8, 427-429.	1.2	4
57	Polycystic Ovary Syndrome: Not Just a Fertility Problem. <i>Women's Health</i> , 2015, 11, 433-436.	0.7	4
58	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
59	Follicle-Stimulating Hormone Induces Lipid Droplets via $G\hat{i}/o$ and \hat{I}^2 -Arrestin in an Endometrial Cancer Cell Line. <i>Frontiers in Endocrinology</i> , 2021, 12, 798866.	1.5	3
60	How good are we at diagnosing polycystic ovary syndrome?. <i>Clinical Endocrinology</i> , 2007, 67, 809-810.	1.2	2
61	Commentary: The New International Guideline for diagnosis and management of PCOS was worth the effort. <i>Clinical Endocrinology</i> , 2019, 90, 265-266.	1.2	0