# Stephen Franks

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | A population-based follow-up study shows high psychosis risk in women with PCOS. Archives of Women's Mental Health, 2022, 25, 301-311. | 1.2 | 4 |
| 2 | Intrafollicular Concentrations of the Oocyte-secreted Factors GDF9 and BMP15 Vary Inversely in Polycystic Ovaries. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3374-e3383. | 1.8 | 16 |
| 3 | Aberrant subcutaneous adipogenesis precedes adult metabolic dysfunction in an ovine model of polycystic ovary syndrome (PCOS). Molecular and Cellular Endocrinology, 2021, 519, 111042. | 1.6 | 13 |
| 4 | The Gut Microbiome in Polycystic Ovary Syndrome and Its Association with Metabolic Traits. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 858-871. | 1.8 | 31 |
| 5 | Association of Self-Reported Polycystic Ovary Syndrome, Obesity, and Weight Gain From Adolescence to Adulthood With Hypertensive Disorders of Pregnancy. Hypertension, 2021, 77, 1010-1019. | 1.3 | 8 |
| 6 | Hyperandrogenemia in Early Adulthood Is an Independent Risk Factor for Abnormal Glucose Metabolism in Middle Age. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4621-e4633. | 1.8 | 5 |
| 7 | Micromechanical mapping of the intact ovary interior reveals contrasting mechanical roles for follicles and stroma. Biomaterials, 2021, 277, 121099. | 5.7 | 13 |
| 8 | Obesity and polycystic ovary syndrome. Clinical Endocrinology, 2021, 95, 531-541. | 1.2 | 106 |
| 9 | Androgen Reduces Mitochondrial Respiration in Mouse Brown Adipocytes: A Model for Disordered Energy Balance in Polycystic Ovary Syndrome. International Journal of Molecular Sciences, 2021, 22, 243. | 1.8 | 12 |
| 10 | Follicle-Stimulating Hormone Induces Lipid Droplets via GÎ±i/o and Î²-Arrestin in an Endometrial Cancer Cell Line. Frontiers in Endocrinology, 2021, 12, 798866. | 1.5 | 3 |
| 11 | Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. Nature Genetics, 2020, 52, 1314-1332. | 9.4 | 91 |
| 12 | Insights into Manipulating Postprandial Energy Expenditure to Manage Weight Gain in Polycystic Ovary Syndrome. IScience, 2020, 23, 101164. | 1.9 | 7 |
| 13 | Population-based Data at Ages 31 and 46 Show Decreased HRQoL and Life Satisfaction in Women with PCOS Symptoms. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1814-1826. | 1.8 | 25 |
| 14 | Overweight, obesity and hyperandrogenemia are associated with gestational diabetes mellitus: A followâ€up cohort study. Acta Obstetricia Et Gynecologica Scandinavica, 2020, 99, 1311-1319. | 1.3 | 16 |
| 15 | Gene Expression in Granulosa Cells From Small Antral Follicles From Women With or Without Polycystic Ovaries. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 6182-6192. | 1.8 | 53 |
| 16 | GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science Advances, 2019, 5, eaaw3095. | 4.7 | 86 |
| 17 | Anti-MÃ¼llerian Hormone in PCOS: A Review Informing International Guidelines. Trends in Endocrinology and Metabolism, 2019, 30, 467-478. | 3.1 | 130 |
| 18 | SMAD3 directly regulates cell cycle genes to maintain arrest in granulosa cells of mouse primordial follicles. Scientific Reports, 2019, 9, 6513. | 1.6 | 28 |

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|---|---|---|---|
| 19 | Self-Reported Polycystic Ovary Syndrome Is Associated With Hypertension: A Northern Finland Birth Cohort 1966 Study. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1221-1231. | 1.8 | 30 |
| 20 | Effect of polycystic ovary syndrome on cardiac autonomic function at a late fertile age: a prospective Northern Finland Birth Cohort 1966 study. BMJ Open, 2019, 9, e033780. | 0.8 | 6 |
| 21 | Quantitative Differences in TGF-Î² Family Members Measured in Small Antral Follicle Fluids From Women With or Without PCO. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 6371-6384. | 1.8 | 24 |
| 22 | Commentary: The New International Guideline for diagnosis and management of PCOS was worth the effort. Clinical Endocrinology, 2019, 90, 265-266. | 1.2 | 0 |
| 23 | A systematic review of randomized controlled trials investigating the efficacy and safety of testosterone therapy for female sexual dysfunction in postmenopausal women. Clinical Endocrinology, 2019, 90, 391-414. | 1.2 | 28 |
| 24 | Low-dose gonadotropin induction of ovulation in anovulatory women: still needed in the age of IVF. Reproduction, 2018, 156, F1-F10. | 1.1 | 24 |
| 25 | Androgen Action in the Ovary. Frontiers in Endocrinology, 2018, 9, 452. | 1.5 | 69 |
| 26 | Nuclear exclusion of SMAD2/3 in granulosa cells is associated with primordial follicle activation in the mouse ovary. Journal of Cell Science, 2018, 131, . | 1.2 | 25 |
| 27 | Onset and Heterogeneity of Responsiveness to FSH in Mouse Preantral Follicles in Culture. Endocrinology, 2017, 158, en.2016-1435. | 1.4 | 31 |
| 28 | 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 |
| 29 | Androgen Stimulates Growth of Mouse Preantral Follicles In Vitro: Interaction With Follicle-Stimulating Hormone and With Growth Factors of the TGFÎ² Superfamily. Endocrinology, 2017, 158, 920-935. | 1.4 | 59 |
| 30 | Genetic Rodent Models of Obesity-Associated Ovarian Dysfunction and Subfertility: Insights into Polycystic Ovary Syndrome. Frontiers in Endocrinology, 2016, 7, 53. | 1.5 | 15 |
| 31 | Analysis with the exome array identifies multiple new independent variants in lipid loci. Human Molecular Genetics, 2016, 25, 4094-4106. | 1.4 | 19 |
| 32 | The management of anovulatory infertility in women with polycystic ovary syndrome: an analysis of the evidence to support the development of global WHO guidance. Human Reproduction Update, 2016, 22, 687-708. | 5.2 | 440 |
| 33 | Polycystic ovary syndrome: insight into pathogenesis and a common association with insulin resistance. Clinical Medicine, 2016, 16, 262-266. | 0.8 | 71 |
| 34 | Polycystic ovary syndrome: insight into pathogenesis and a common association with insulin resistance. Clinical Medicine, 2015, 15, s72-s76. | 0.8 | 62 |
| 35 | Polycystic Ovary Syndrome: Not Just a Fertility Problem. Women's Health, 2015, 11, 433-436. | 0.7 | 4 |
| 36 | Can Animal Models of PCOS Help Point the Way Towards Early and Effective Therapeutic Intervention in Women With the Syndrome?. Endocrinology, 2015, 156, 2371-2373. | 1.4 | 6 |

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|---|---|---|---|
| 37 | Genome-wide association of polycystic ovary syndrome implicates alterations in gonadotropin secretion in European ancestry populations. Nature Communications, 2015, 6, 7502. | 5.8 | 314 |
| 38 | BMI-Associated Alleles Do Not Constitute Risk Alleles for Polycystic Ovary Syndrome Independently of BMI: A Case-Control Study. PLoS ONE, 2014, 9, e87335. | 1.1 | 16 |
| 39 | The management of patients with polycystic ovary syndrome. Nature Reviews Endocrinology, 2014, 10, 624-636. | 4.3 | 134 |
| 40 | Divergences in insulin resistance between the different phenotypes of the polycystic ovary syndrome. Expert Review of Endocrinology and Metabolism, 2013, 8, 427-429. | 1.2 | 4 |
| 41 | The investigation and management of hirsutism. Journal of Family Planning and Reproductive Health Care, 2012, 38, 182-186. | 0.9 | 21 |
| 42 | Does PCOS have developmental origins?. Fertility and Sterility, 2012, 97, 2-6. | 0.5 | 50 |
| 43 | Animal Models and the Developmental Origins of Polycystic Ovary Syndrome: Increasing Evidence for the Role of Androgens in Programming Reproductive and Metabolic Dysfunction. Endocrinology, 2012, 153, 2536-2538. | 1.4 | 46 |
| 44 | When should an insulin sensitizing agent be used in the treatment of polycystic ovary syndrome?. Clinical Endocrinology, 2011, 74, 148-151. | 1.2 | 33 |
| 45 | Do Animal Models of Polycystic Ovary Syndrome Help to Understand Its Pathogenesis and Management? Yes, but Their Limitations Should be Recognized. Endocrinology, 2009, 150, 3983-3985. | 1.4 | 30 |
| 46 | Object recognition in the ovary: Quantification of oocytes from microscopic images. , 2009, , . | | 12 |
| 47 | Follicle dynamics and anovulation in polycystic ovary syndrome. Human Reproduction Update, 2008, 14, 367-378. | 5.2 | 460 |
| 48 | Ovarian Morphology Is a Marker of Heritable Biochemical Traits in Sisters with Polycystic Ovaries. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3396-3402. | 1.8 | 76 |
| 49 | Effect of cell shape and packing density on granulosa cell proliferation and formation of multiple layers during early follicle development in the ovary. Journal of Cell Science, 2008, 121, 3890-3900. | 1.2 | 97 |
| 50 | Cyproterone acetate/ethinyl estradiol for acne and hirsutism: time to revise prescribing policy. Human Reproduction, 2007, 23, 231-232. | 0.4 | 33 |
| 51 | How good are we at diagnosing polycystic ovary syndrome?. Clinical Endocrinology, 2007, 67, 809-810. | 1.2 | 2 |
| 52 | Genetic and environmental origins of obesity relevant to reproduction. Reproductive BioMedicine Online, 2006, 12, 526-531. | 1.1 | 40 |
| 53 | Candidate genes in women with polycystic ovary syndrome. Fertility and Sterility, 2006, 86, S15-S15. | 0.5 | 7 |
| 54 | Development of polycystic ovary syndrome: involvement of genetic and environmental factors. Journal of Developmental and Physical Disabilities, 2006, 29, 278-285. | 3.6 | 234 |

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|---|---|---|---|
| 55 | Diagnosis of Polycystic Ovarian Syndrome: In Defense of the Rotterdam Criteria. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 786-789. | 1.8 | 222 |
| 56 | Genetics of Ovarian Disorders: Polycystic Ovary Syndrome. Reviews in Endocrine and Metabolic Disorders, 2004, 5, 69-76. | 2.6 | 72 |
| 57 | Gonadotrophin regimens and oocyte quality in women with polycystic ovaries. Reproductive BioMedicine Online, 2003, 6, 181-184. | 1.1 | 47 |
| 58 | Assessment and management of anovulatory infertility in polycystic ovary syndrome. Endocrinology and Metabolism Clinics of North America, 2003, 32, 639-651. | 1.2 | 33 |
| 59 | Adult polycystic ovary syndrome begins in childhood. Best Practice and Research in Clinical Endocrinology and Metabolism, 2002, 16, 263-272. | 2.2 | 113 |
| 60 | Environment, lifestyle and infertility â€" an inter-generational issue. Nature Medicine, 2002, 8, S33-S40. | 15.2 | 40 |
| 61 | Improvement in endocrine and ovarian function during dietary treatment of obese women with polycystic ovary syndrome. Clinical Endocrinology, 1992, 36, 105-111. | 1.2 | 817 |