

Physiological Aspects of Female Fertility: Role of the Endocrine System and Genetics

Physiological Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A systematic review on the adverse health effects of di-2-ethylhexyl phthalate. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24642-24693.	2.7	114
2	Cardiovascular and metabolic profiles of offspring conceived by assisted reproductive technologies: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2017, 107, 622-631.e5.	0.5	176
3	Growth hormone in IVF cycles: any hope?. <i>Current Opinion in Obstetrics and Gynecology</i> , 2017, 29, 119-125.	0.9	36
4	Exposure to environmental noise and risk for male infertility: A population-based cohort study. <i>Environmental Pollution</i> , 2017, 226, 118-124.	3.7	29
5	Insulin during in vitro oocyte maturation has an impact on development, mitochondria, and cytoskeleton in bovine day 8 blastocysts. <i>Theriogenology</i> , 2017, 101, 15-25.	0.9	17
6	Is bisphenol A an environmental obesogen?. <i>Fundamental and Clinical Pharmacology</i> , 2017, 31, 594-609.	1.0	92
7	Performance of the multitarget Mikrogen Chlamydia trachomatis IgG ELISA in the prediction of tubal factor infertility (TFI) in subfertile women: comparison with the Medac MOMP IgG ELISA plus. <i>Pathogens and Disease</i> , 2017, 75, .	0.8	6
8	Premature Ovarian Insufficiency: Phenotypic Characterization Within Different Etiologies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2281-2290.	1.8	76
9	Next-generation molecular diagnosis: single-cell sequencing from bench to bedside. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 869-880.	2.4	18
10	Preconception Optimization of Glucose and Insulin Metabolism in Women Wanting to Conceive – High Rate of Spontaneous Conception Prior to Planned Assisted Reproduction. <i>Geburtshilfe Und Frauenheilkunde</i> , 2017, 77, 1312-1319.	0.8	3
11	Non-coding RNAs in the Ovarian Follicle. <i>Frontiers in Genetics</i> , 2017, 8, 57.	1.1	31
12	Ovarian Fibrosis. <i>Chinese Medical Journal</i> , 2017, 130, 365-371.	0.9	69
13	Lifestyle Modifications – Alcohol, Caffeine, Smoking, Drugs Before ART. , 0, , 76-88.		0
14	Homozygous Mutations in WEE2 Cause Fertilization Failure and Female Infertility. <i>American Journal of Human Genetics</i> , 2018, 102, 649-657.	2.6	129
15	Fertility and infertility: Definition and epidemiology. <i>Clinical Biochemistry</i> , 2018, 62, 2-10.	0.8	1,074
16	Administration of Oral Contraceptives Could Alleviate Age-Related Fertility Decline Possibly by Preventing Ovarian Damage in a Mouse Model. <i>Reproductive Sciences</i> , 2018, 25, 1413-1423.	1.1	8
17	The role of immunological testing and intervention in reproductive medicine: A fertile collaboration?. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12784.	1.2	26
18	Advances of Long Noncoding RNAs-mediated Regulation in Reproduction. <i>Chinese Medical Journal</i> , 2018, 131, 226-234.	0.9	33

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19	Untangling the Promises of Human Genome Editing. <i>Journal of Law, Medicine and Ethics</i> , 2018, 46, 991-1009.	0.4	2
20	A 10-year prospective study of personality and reproductive success: Testing the mediating role of healthy living. <i>Psychology and Health</i> , 2018, 33, 1379-1395.	1.2	5
21	Infertility in the Moroccan population: major risk factors encountered in the reproductive health centre in Rabat. <i>Pan African Medical Journal</i> , 2018, 30, 195.	0.3	5
22	Transcriptional landscape of mouse-aged ovaries reveals a unique set of non-coding RNAs associated with physiological and environmental ovarian dysfunctions. <i>Cell Death Discovery</i> , 2018, 4, 112.	2.0	24
23	Complex genetics of female fertility. <i>Npj Genomic Medicine</i> , 2018, 3, 29.	1.7	43
24	Idiopathic Premature Ovarian Failure and its association to the abnormal longitudinal changes of telomere length in a population of Iranian Infertile Women: A pilot study. <i>Meta Gene</i> , 2018, 18, 58-61.	0.3	4
25	Preantral follicle culture and oocyte quality. <i>Reproduction, Fertility and Development</i> , 2018, 30, 18.	0.1	5
26	Female Reproductive Aging. , 2018, , 109-130.		6
27	The Role of Personality in Sexual and Reproductive Health. <i>Current Directions in Psychological Science</i> , 2019, 28, 581-586.	2.8	7
28	Inhibition of Luman/CREB3 expression leads to the upregulation of testosterone synthesis in mouse Leydig cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 15257-15269.	2.0	12
29	Female subfertility. <i>Nature Reviews Disease Primers</i> , 2019, 5, 7.	18.1	85
30	A pannexin 1 channelopathy causes human oocyte death. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	73
31	In vitro culture systems as an alternative for female reproductive toxicology studies. <i>Zygote</i> , 2019, 27, 55-63.	0.5	6
32	Environmental Factors and Female Reproduction. , 2019, , 525-537.		1
33	Exposure to non-persistent chemicals in consumer products and fecundability: a systematic review. <i>Human Reproduction Update</i> , 2019, 25, 51-71.	5.2	63
34	Mechanism underlying the retarded nuclear translocation of androgen receptor splice variants. <i>Science China Life Sciences</i> , 2019, 62, 257-267.	2.3	6
35	The efficacy of non-assisted reproductive technology treatment might be limited in infertile patients with advanced endometriosis in their 30s. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 368-375.	0.6	4
36	The interval transfer of a frozen-thawed embryo is more successful than a fresh embryo transfer for women undergoing IVF with recurrent implantation failure after cleavage stage embryo biopsy. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2019, 59, 134-139.	0.4	5

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37	Isobutylparaben Negatively Affects Porcine Oocyte Maturation Through Increasing Oxidative Stress and Cytoskeletal Abnormalities. <i>Environmental and Molecular Mutagenesis</i> , 2020, 61, 433-444.	0.9	14
38	Heritability of subfertility among Danish twins. <i>Fertility and Sterility</i> , 2020, 114, 618-627.	0.5	9
39	Homozygous Mutations in BTG4 Cause Zygotic Cleavage Failure and Female Infertility. <i>American Journal of Human Genetics</i> , 2020, 107, 24-33.	2.6	63
40	Gamete quality in a multistressor environment. <i>Environment International</i> , 2020, 138, 105627.	4.8	40
41	Listening to mother: Long-term maternal effects in mammalian development. <i>Molecular Reproduction and Development</i> , 2020, 87, 399-408.	1.0	16
42	Organoid Models of Human Endometrial Development and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 84.	1.8	23
43	Long-term heightened larval production in nursery-bred coral transplants. <i>Basic and Applied Ecology</i> , 2020, 47, 12-21.	1.2	7
44	Beyond Acephalic Spermatozoa: The Complexity of Intracytoplasmic Sperm Injection Outcomes. <i>BioMed Research International</i> , 2020, 2020, 1-7.	0.9	15
45	Zinc is essential for the transcription function of the PGC-1 β /Nrf2 signaling pathway in human primary endometrial stromal cells. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C640-C648.	2.1	9
46	World No Tobacco Day 2020. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L1010-L1015.	1.3	1
47	Environment, Lifestyle, and Female Infertility. <i>Reproductive Sciences</i> , 2021, 28, 617-638.	1.1	65
48	A robust metabolomics approach for the evaluation of human embryos from <i>in vitro</i> fertilization. <i>Analyst</i> , 2021, 146, 6156-6169.	1.7	7
49	Effects of Environment and Lifestyle Factors on Anovulatory Disorder. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1300, 113-136.	0.8	6
50	Practical Clinical and Diagnostic Pathway for the Investigation of the Infertile Couple. <i>Frontiers in Endocrinology</i> , 2020, 11, 591837.	1.5	26
51	Effects on Fertility and Reproductive Behavior From Environmental Contaminants in Extreme Environments. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 206-225.	0.1	0
52	Body mass index and subfertility: multivariable regression and Mendelian randomization analyses in the Norwegian Mother, Father and Child Cohort Study. <i>Human Reproduction</i> , 2021, 36, 3141-3151.	0.4	27
53	Effects of environmental, social and surgical factors on ovarian reserve: Implications for age-related female fertility. <i>International Journal of Gynecology and Obstetrics</i> , 2021, 154, 451-458.	1.0	4
54	Women's Attempts Related to Complementary and Alternative Medicine Use in Infertility Causes and Diagnosis: A Narrative Inquiry. <i>International Quarterly of Community Health Education</i> , 2022, 42, 291-298.	0.4	2

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55	Genetic factors as potential molecular markers of human oocyte and embryo quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 993-1002.	1.2	47
56	Zooming in on the endometrial factor of recurrent implantation failure. <i>Human Fertility</i> , 2022, 25, 848-859.	0.7	3
57	The comprehensive variant and phenotypic spectrum of TUBB8 in female infertility. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 2261-2272.	1.2	20
59	Results from a large cross-sectional study assessing Chlamydia trachomatis, Ureaplasma spp. and Mycoplasma hominis urogenital infections in patients with primary infertility. <i>Scientific Reports</i> , 2021, 11, 13655.	1.6	19
60	Resilience, Perceived Stress, and Depressed Mood in Women Under in Vitro Fertilization Treatment. <i>Reproductive Sciences</i> , 2022, 29, 816-822.	1.1	8
62	Effect of dietary supplementation with nettle or fenugreek on folliculogenesis and steroidogenesis in the rabbit ovary – An in vivo study. <i>Theriogenology</i> , 2021, 173, 1-11.	0.9	2
65	Female Age and Reproductive Chances. , 2018, , 1-10.		3
66	Validity of the association between periodontitis and female infertility conditions: a concise review. <i>Reproduction</i> , 2020, 160, R41-R54.	1.1	15
67	Consuming cholera toxin counteracts age-associated obesity. <i>Oncotarget</i> , 2019, 10, 5497-5509.	0.8	3
68	Psychological Impact of Infertility. Directions for the Development of Interventions. <i>Mental Health Global Challenges Journal</i> , 2021, 4, .	0.4	3
69	THE SEARCH OF IMPROVEMENT OF PRACTICAL SKILLS IN OBSTETRICS AND GYNECOLOGY. <i>Bulletin of Problems Biology and Medicine</i> , 2018, 4, 167.	0.0	1
70	How to Improve Preconception Health to Maximize IVF Success. , 2018, , .		0
71	THE IMPROVING THE ASSIMILATION OF CERTAIN TOPICS OF THE DISCIPLINE «OBSTETRICS AND GYNECOLOGY» DURING TEACHING STUDENTS OF THE MEDICAL FACULTY. <i>Bulletin of Problems Biology and Medicine</i> , 2019, 3, 237.	0.0	0
72	Predicting the chances of live birth for couples undergoing IVF-ICSI: a novel instrument to advise patients and physicians before treatment. <i>F1000Research</i> , 0, 8, 1585.	0.8	0
74	The mechanism analysis using PI3K/AKT pathway for the effects of levocarnitine in the treatment of spermatogenic dysfunction. <i>Andrologia</i> , 2021, , e14290.	1.0	0
75	Predicting the chances of live birth for couples undergoing IVF-ICSI: a novel instrument to advise patients and physicians before treatment. <i>F1000Research</i> , 0, 8, 1585.	0.8	0
76	Environmental Influences and Polycystic Ovarian Syndrome. <i>Clinical Obstetrics and Gynecology</i> , 2021, 64, 33-38.	0.6	2
77	Influence of social determinants on fertility: a critical review. <i>Current Opinion in Obstetrics and Gynecology</i> , 2021, 33, 164-169.	0.9	2

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78	Regulatory role of long non-coding RNAs during reproductive disease. American Journal of Translational Research (discontinued), 2018, 10, 1-12.	0.0	22
79	Different cell death types determination in juvenile mice ovarian follicles. Iranian Journal of Veterinary Research, 2018, 19, 298-303.	0.4	2
80	Hyperprolactinemia, Clinical Considerations, and Infertility in Women on Antipsychotic Medications. Psychopharmacology Bulletin, 2021, 51, 131-148.	0.0	1
81	Association of infertility with premature mortality among US women: Prospective cohort study. The Lancet Regional Health Americas, 2022, 7, 100122.	1.5	6
82	Refocusing on sexually transmitted infections (STIs) to improve reproductive health: a call to further action. Reproductive Health, 2021, 18, 242.	1.2	5
83	Microbial and metabolomic mechanisms mediating the effects of dietary inulin and cellulose supplementation on porcine oocyte and uterine development. Journal of Animal Science and Biotechnology, 2022, 13, 14.	2.1	4
84	Reprotoxic Impact of Environment, Diet, and Behavior. International Journal of Environmental Research and Public Health, 2022, 19, 1303.	1.2	9
85	Obesity modulates cell-cell interactions during ovarian folliculogenesis. IScience, 2022, 25, 103627.	1.9	12
86	A novel theory implicating hypochlorous acid as the primary generator of angiogenesis, infertility, and free iron in endometriosis. F&S Reviews, 2022, , .	0.7	2
87	Incidence Trends of Five Common Sexually Transmitted Infections Excluding HIV From 1990 to 2019 at the Global, Regional, and National Levels: Results From the Global Burden of Disease Study 2019. Frontiers in Medicine, 2022, 9, 851635.	1.2	22
88	Bisphenol A (BPA) Leading to Obesity and Cardiovascular Complications: A Compilation of Current In Vivo Study. International Journal of Molecular Sciences, 2022, 23, 2969.	1.8	33
89	Infertility rate and relationship between infertility status and microbial infections among women in Baquba City. International Journal of Health Sciences, 0, , 1175-1186.	0.0	0
90	Rectifying cow infertility under heat stress by immunization against inhibin and supplementation of progesterone. Domestic Animal Endocrinology, 2022, 80, 106726.	0.8	4
91	Effect of traditional Chinese medicine formula Guilu Xian on in vitro fertilization and embryo transfer outcome in older women with low prognosis: study protocol for a prospective, multicenter, randomized double-blind study. Trials, 2021, 22, 917.	0.7	1
92	Essentiality of Trace Elements in Pregnancy, Fertility, and Gynecologic Cancersâ€”A State-of-the-Art Review. Nutrients, 2022, 14, 185.	1.7	13
93	Prevalence and associated factors of infertility among 20â€”49-year old women in Henan Province, China. Reproductive Health, 2021, 18, 254.	1.2	36
94	Spontaneous pregnancy in a patient with premature ovarian failure after ovarian platelet-rich plasma injection. Case report. Gynecology, 2021, 23, 597-600.	0.1	0
95	Determination of idiopathic female infertility from infrared spectra of follicle fluid combined with gonadotrophin levels, multivariate analysis and machine learning methods. Photodiagnosis and Photodynamic Therapy, 2022, 38, 102883.	1.3	7

#	ARTICLE	IF	CITATIONS
96	Effects on Fertility and Reproductive Behavior From Environmental Contaminants in Extreme Environments. , 2022, , 556-575.		0
97	THE REPRODUCTIVE PATHOLOGIES OF MALE OFFSPRING BORN TO MOTHERS WITH FETOPLACENTAL INSUFFICIENCY: HORMONE DEPENDENT MECHANISMS OF DEVELOPING AND PROFYLAXIS. Problemi Endokrinnoi Patologii, 2022, 79, 97-104.	0.0	0
98	Serum Essential Trace Element Status in Women and the Risk of Endometrial Diseases: a Caseâ€“Control Study. Biological Trace Element Research, 2023, 201, 2151-2161.	1.9	4
99	Acupuncture for Female Infertility: Discussion on Action Mechanism and Application. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-17.	0.5	0
100	Risk of cardiovascular disease in women and men with subfertility: the TrÃndelag Health Study. Fertility and Sterility, 2022, 118, 537-547.	0.5	13
101	Incidence and risk factors of infertility among couples who desire a first and second child in Shanghai, China: a facility-based prospective cohort study. Reproductive Health, 2022, 19, .	1.2	4
102	Estimating the effects of policies on infertility prevalence worldwide. BMC Public Health, 2022, 22, .	1.2	2
103	Chemerin: A Functional Adipokine in Reproductive Health and Diseases. Biomedicines, 2022, 10, 1910.	1.4	9
104	Association between polyunsaturated fatty acid intake and infertility among American women aged 20â€“44 years. Frontiers in Public Health, 0, 10, .	1.3	2
106	The Treatment of Complementary and Alternative Medicine on Female Infertility Caused by Endometrial Factors. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-30.	0.5	7
107	The Clinical Application of Growth Hormone and Its Biological and Molecular Mechanisms in Assisted Reproduction. International Journal of Molecular Sciences, 2022, 23, 10768.	1.8	6
108	Infertility affects the quality of life of Southwestern Nigerian women and their partners. International Journal of Africa Nursing Sciences, 2022, 17, 100506.	0.2	1
109	Is the Association between Age and Fertility Problems Modified by Diet Quality? Findings from a National Study of Reproductive Age Women in Australia. Nutrients, 2022, 14, 4355.	1.7	1
110	The Complex Roles of Adipokines in Polycystic Ovary Syndrome and Endometriosis. Biomedicines, 2022, 10, 2503.	1.4	16
111	A multicenter, randomized, assessor-blind phase 3 trial comparing the efficacy and safety of QL1012 (recombinant human follicle-stimulating hormone) with Gonaf® in women undergoing controlled ovarian hyperstimulation for assisted reproductive technology. Reproductive BioMedicine Online, 2022, . .	1.1	0
112	Association studies between chromosomal regions 1q21.3, 5q21.3, 14q21.2 and 17q21.31 and numbers of children in Poland. Scientific Reports, 2022, 12, .	1.6	0
113	Volatilomics as an Emerging Strategy to Determine Potential Biomarkers of Female Infertility: A Pilot Study. Biomedicines, 2022, 10, 2852.	1.4	1
114	Angiotensin-Converting Enzyme (ACE) Insertion/Deletion (I/D) Polymorphism as a Conjoint Regulator of Coagulation, Fibrinolytic, and RAAS Pathway in Infertility and Associated Pregnancy Complications. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2022, 2022, .	1.0	3

#	ARTICLE	IF	CITATIONS
115	Protocatechuic Acid Delays Postovulatory Oocyte Ageing in Mouse. <i>Molecular Nutrition and Food Research</i> , 2023, 67, .	1.5	2
116	<i>Ureaplasma urealyticum</i> and <i>Mycoplasma hominis</i> urogenital infections associate with semen inflammation and decreased sperm quality. <i>Journal of Leukocyte Biology</i> , 2023, 113, 18-26.	1.5	7
117	Coping with Oxidative Stress in Reproductive Pathophysiology and Assisted Reproduction: Melatonin as an Emerging Therapeutical Tool. <i>Antioxidants</i> , 2023, 12, 86.	2.2	10
118	Obesity partially potentiates dimethylbenz[a]anthracene-exposed ovotoxicity by altering the DNA damage repair response in mice. <i>Biology of Reproduction</i> , 2023, 108, 694-707.	1.2	1
119	CAG Expansion in Androgen Receptor Gene of Infertile Men in Erbil Governorate. <i>Kurdistan Journal of Applied Research</i> , 0, , 107-114.	0.4	0
120	Clinical, Psychological and Socio-Economic Profile of Women Consulting for Couple Infertility in the Yaounde Gynaeco-Obstetric and Paediatric Hospital. <i>Open Journal of Obstetrics and Gynecology</i> , 2023, 13, 490-498.	0.1	0
131	Comment Ã©tablir un pronostic sur les chances de grossesse du couple infertileâ€™. , 2023, , 117-122.		0