

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38 papers	952 citations	17 h-index	30 g-index
46 ext. papers	1,182 ext. citations	3.3 avg, IF	4.27 L-index

#	Paper	IF	Citations
38	3D NIR-II Molecular Imaging Distinguishes Targeted Organs with High-Performance NIR-II Bioconjugates. <i>Advanced Materials</i> , 2018 , 30, e1705799	24	111
37	Oocyte vitrification versus ovarian cortex transplantation in fertility preservation for adult women undergoing gonadotoxic treatments: a prospective cohort study. <i>Fertility and Sterility</i> , 2018 , 109, 478-485.e2	4.8	101
36	Live imaging of follicle stimulating hormone receptors in gonads and bones using near infrared II fluorophore. <i>Chemical Science</i> , 2017 , 8, 3703-3711	9.4	84
35	Improving ovarian tissue cryopreservation for oncologic patients: slow freezing versus vitrification, effect of different procedures and devices. <i>Fertility and Sterility</i> , 2014 , 101, 775-84	4.8	71
34	Fertility rescue and ovarian follicle growth promotion by bone marrow stem cell infusion. <i>Fertility and Sterility</i> , 2018 , 109, 908-918.e2	4.8	61
33	Sildenafil citrate improves perinatal outcome in fetuses from pre-eclamptic rats. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012 , 119, 1394-402	3.7	54
32	Occurrence of <i>Edwardsiella tarda</i> in wild European eels <i>Anguilla anguilla</i> from Mediterranean Spain. <i>Diseases of Aquatic Organisms</i> , 2006 , 73, 77-81	1.7	47
31	Autologous mitochondrial transfer as a complementary technique to intracytoplasmic sperm injection to improve embryo quality in patients undergoing in vitro fertilization-a randomized pilot study. <i>Fertility and Sterility</i> , 2019 , 111, 86-96	4.8	44
30	Autologous stem cell ovarian transplantation to increase reproductive potential in patients who are poor responders. <i>Fertility and Sterility</i> , 2018 , 110, 496-505.e1	4.8	44
29	Short-Term PTEN Inhibition Improves In Vitro Activation of Primordial Follicles, Preserves Follicular Viability, and Restores AMH Levels in Cryopreserved Ovarian Tissue From Cancer Patients. <i>PLoS ONE</i> , 2015 , 10, e0127786	3.7	42
28	Mitochondria as a tool for oocyte rejuvenation. <i>Fertility and Sterility</i> , 2019 , 111, 219-226	4.8	42
27	Effect of antiangiogenic treatment on peritoneal endometriosis-associated nerve fibers. <i>Fertility and Sterility</i> , 2012 , 98, 1209-17	4.8	30
26	Basic and Clinical Approaches for Fertility Preservation and Restoration in Cancer Patients. <i>Trends in Biotechnology</i> , 2018 , 36, 199-215	15.1	30
25	cGMP modulates stem cells differentiation to neurons in brain in vivo. <i>Neuroscience</i> , 2010 , 165, 1275-83	3.9	29
24	Ultrasound bioeffects in rats: quantification of cellular damage in the fetal liver after pulsed Doppler imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 643-8	5.8	26
23	Treatment potential of bone marrow-derived stem cells in women with diminished ovarian reserves and premature ovarian failure. <i>Current Opinion in Obstetrics and Gynecology</i> , 2019 , 31, 156-162	2.4	21
22	Treatment with sildenafil prevents impairment of learning in rats born to pre-eclamptic mothers. <i>Neuroscience</i> , 2010 , 171, 506-12	3.9	20

21	New methods to improve the safety assessment of cryopreserved ovarian tissue for fertility preservation in breast cancer patients. <i>Fertility and Sterility</i> , 2015 , 104, 1493-502.e1-2	4.8	14
20	Haemodynamic effects of long-term administration of sildenafil in normotensive pregnant and non-pregnant rats. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011 , 118, 615-23	3.7	12
19	Use of dopamine agonists to target angiogenesis in women with endometriosis. <i>Human Reproduction</i> , 2021 , 36, 850-858	5.7	9
18	First description of nonmotile <i>Vibrio vulnificus</i> strains virulent for eels. <i>FEMS Microbiology Letters</i> , 2007 , 266, 90-7	2.9	8
17	Prenatal brain damage in preeclamptic animal model induced by gestational nitric oxide synthase inhibition. <i>Journal of Pregnancy</i> , 2011 , 2011, 809569	2.5	7
16	The artificial ovary: any new step is a step forward. <i>Fertility and Sterility</i> , 2014 , 101, 940	4.8	6
15	Diminished Ovarian Reserve Chemotherapy-Induced Mouse Model: A Tool for the Preclinical Assessment of New Therapies for Ovarian Damage. <i>Reproductive Sciences</i> , 2020 , 27, 1609-1619	3	5
14	Optimizing ovarian tissue quality before cryopreservation: comparing outcomes of three decortication methods on stromal and follicular viability. <i>Fertility and Sterility</i> , 2020 , 113, 609-617.e3	4.8	5
13	Dexamethasone does not prevent malignant cell reintroduction in leukemia patients undergoing ovarian transplant: risk assessment of leukemic cell transmission by a xenograft model. <i>Human Reproduction</i> , 2019 , 34, 1485-1493	5.7	5
12	Mitochondrial enrichment in infertile patients: a review of different mitochondrial replacement therapies. <i>Therapeutic Advances in Reproductive Health</i> , 2021 , 15, 26334941211023544	1.8	5
11	The cyto-protective effects of LH on ovarian reserve and female fertility during exposure to gonadotoxic alkylating agents in an adult mouse model. <i>Human Reproduction</i> , 2021 , 36, 2514-2528	5.7	4
10	Diminished Ovarian Reserve Chemotherapy-Induced Mouse Model: A Tool for the Preclinical Assessment of New Therapies for Ovarian Damage. <i>Reproductive Sciences</i> , 2019 , 1933719119831784	3	3
9	Single site laparoscopy for fertility preservation: a cohort study. <i>Journal of Minimally Invasive Gynecology</i> , 2015 , 22, 291-6	2.2	3
8	cGMP modulates stem cells differentiation to neurons in brain in vivo pathological implications. <i>BMC Pharmacology</i> , 2011 , 11,		1
7	Stem cell-secreted factor therapy regenerates the ovarian niche and rescues follicles. <i>American Journal of Obstetrics and Gynecology</i> , 2021 , 225, 65.e1-65.e14	6.4	1
6	Pathways and factors regulated by bone marrow-derived stem cells in human ovarian tissue. <i>Fertility and Sterility</i> , 2021 , 116, 896-908	4.8	1
5	Disease-inducing potential of two leukemic cell lines in a xenografting model. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 1589-1600	3.4	0
4	Emerging follicular activation strategies to treat women with poor ovarian response and primary ovarian insufficiency. <i>Current Opinion in Obstetrics and Gynecology</i> , 2021 , 33, 241-248	2.4	0

- 3 Stem Cell Paracrine Signaling for Treatment of Premature Ovarian Insufficiency. *Frontiers in Endocrinology*, **2020**, 11, 626322 5.7 ○
- 2 Follicular activation in women previously diagnosed with poor ovarian response: a randomized, controlled trial.. *Fertility and Sterility*, **2022**, 117, 747-755 4.8 ○
- 1 Ovarian Tissue Cryopreservation: Slow Freezing **2016**, 53-77