

# Sonia Herraiz

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,421  
citations

430754

18  
h-index

345118

36  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1875  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.5	155
2	3D NIRâ€Molecular Imaging Distinguishes Targeted Organs with Highâ€Performance NIRâ€Bioconjugates. <i>Advanced Materials</i> , 2018, 30, e1705799.	11.1	150
3	Live imaging of follicle stimulating hormone receptors in gonads and bones using near infrared II fluorophore. <i>Chemical Science</i> , 2017, 8, 3703-3711.	3.7	96
4	Fertility rescue and ovarian follicle growth promotion by bone marrow stem cell infusion. <i>Fertility and Sterility</i> , 2018, 109, 908-918.e2.	0.5	88
5	Mitochondria as a tool for oocyte rejuvenation. <i>Fertility and Sterility</i> , 2019, 111, 219-226.	0.5	88
6	Improving ovarian tissue cryopreservation for oncologic patients: slow freezing versus vitrification, effect of different procedures and devices. <i>Fertility and Sterility</i> , 2014, 101, 775-784.e1.	0.5	86
7	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.	0.5	78
8	Autologous mitochondrial transfer as a complementary technique to intracytoplasmic sperm injection to improve embryo quality in patients undergoing in vitro fertilizationâ€a randomized pilot study. <i>Fertility and Sterility</i> , 2019, 111, 86-96.	0.5	69
9	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.	1.1	64
10	Sildenafil citrate improves perinatal outcome in fetuses from preâ€eclamptic rats. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012, 119, 1394-1402.	1.1	60
11	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.	0.5	59
12	Basic and Clinical Approaches for Fertility Preservation and Restoration in Cancer Patients. <i>Trends in Biotechnology</i> , 2018, 36, 199-215.	4.9	49
13	Effect of antiangiogenic treatment on peritoneal endometriosis-associated nerve fibers. <i>Fertility and Sterility</i> , 2012, 98, 1209-1217.	0.5	36
14	cGMP modulates stem cells differentiation to neurons in brain in vivo. <i>Neuroscience</i> , 2010, 165, 1275-1283.	1.1	33
15	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, 643-648.	0.9	29
16	Bioengineering trends in female reproduction: a systematic review. <i>Human Reproduction Update</i> , 2022, 28, 798-837.	5.2	28
17	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.	0.9	26
18	Treatment with sildenafil prevents impairment of learning in rats born to pre-eclamptic mothers. <i>Neuroscience</i> , 2010, 171, 506-512.	1.1	22

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19	Use of dopamine agonists to target angiogenesis in women with endometriosis. <i>Human Reproduction</i> , 2021, 36, 850-858.	0.4	19
20	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, 1493-1502.e2.	0.5	16
21	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.	0.7	15
22	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.	0.4	15
23	Stem Cell Paracrine Signaling for Treatment of Premature Ovarian Insufficiency. <i>Frontiers in Endocrinology</i> , 2020, 11, 626322.	1.5	14
24	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, 615-623.	1.1	12
25	Diminished Ovarian Reserve Chemotherapy-Induced Mouse Model: A Tool for the Preclinical Assessment of New Therapies for Ovarian Damage. <i>Reproductive Sciences</i> , 2019, , 193371911983178.	1.1	12
26	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.	0.4	11
27	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.	0.5	10
28	Follicular activation in women previously diagnosed with poor ovarian response: a randomized, controlled trial. <i>Fertility and Sterility</i> , 2022, 117, 747-755.	0.5	10
29	First description of nonmotile <i>Vibrio vulnificus</i> strains virulent for eels. <i>FEMS Microbiology Letters</i> , 2007, 266, 90-97.	0.7	9
30	Prenatal Brain Damage in Preeclamptic Animal Model Induced by Gestational Nitric Oxide Synthase Inhibition. <i>Journal of Pregnancy</i> , 2011, 2011, 1-6.	1.1	9
31	The artificial ovary: any new step is a step forward. <i>Fertility and Sterility</i> , 2014, 101, 940.	0.5	9
32	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.	1.1	9
33	Mitochondrial enrichment in infertile patients: a review of different mitochondrial replacement therapies. <i>Therapeutic Advances in Reproductive Health</i> , 2021, 15, 263349412110235.	1.3	9
34	Pathways and factors regulated by bone marrow-derived stem cells in human ovarian tissue. <i>Fertility and Sterility</i> , 2021, 116, 896-908.	0.5	8
35	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.	0.9	5
36	Single Site Laparoscopy for Fertility Preservation: A Cohort Study. <i>Journal of Minimally Invasive Gynecology</i> , 2015, 22, 291-296.	0.3	4

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37	New insights for fertility preservation by ovarian tissue cryopreservation and transplantation in pediatric cancer patients. <i>Fertility and Sterility</i> , 2020, 114, 1191.	0.5	2
38	Disease-inducing potential of two leukemic cell lines in a xenografting model. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1589-1600.	1.2	2
39	cGMP modulates stem cells differentiation to neurons in brain in vivo pathological implications. <i>BMC Pharmacology</i> , 2011, 11, .	0.4	1
40	Effect of Antiangiogenic Treatment on Peritoneal Endometriosis-Associated Nerve Fibers. <i>Obstetrical and Gynecological Survey</i> , 2013, 68, 203-205.	0.2	1
41	Autologous Mitochondrial Transfer as a Complementary Technique to Intracytoplasmic Sperm Injection to Improve Embryo Quality in Patients Undergoing In Vitro Fertilizationâ€”A Randomized Pilot Study. <i>Obstetrical and Gynecological Survey</i> , 2019, 74, 284-285.	0.2	1
42	Evaluation of anti-leukemic in vitro treatment with dexamethasone of ovarian cortex prior to transplantation. <i>Fertility and Sterility</i> , 2015, 104, e259-e260.	0.5	0
43	Autologous stem cell ovarian transplantation (ASCOT) revitalized the aged blood-borne secretome in poor responder (PR) women. <i>Fertility and Sterility</i> , 2019, 112, e417-e418.	0.5	0
44	Ovarian Tissue Cryopreservation: Slow Freezing. , 2016, , 53-77.		0