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List of Publications by Year
in descending order

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Version: 2024-02-01

105 papers	11,601 citations	41339 49 h-index	49904 87 g-index
108 all docs	108 docs citations	108 times ranked	6306 citing authors

#	Article	IF	Citations
1	Ovarian transplantation with robotic surgery and a neovascularizing human extracellular matrix scaffold: a case series in comparison to meta-analytic data. Fertility and Sterility, 2022, 117, 181-192.	1.0	26
2	Fertility Preservation in Breast Cancer Patients. , 2022, , 185-198.		0
3	Impact of chemotherapy on the ovarian reserve: Are all primordial follicles created equal?. Fertility and Sterility, 2022, 117, 396-398.	1.0	5
4	Abstract P4-10-16: Increased chemotherapy-induced ovarian reserve loss and impaired oocyte quality in a mouse ATM knock-down model: An augury for women with ATM-pathway-pathogenic-variants-associated breast cancer?. Cancer Research, 2022, 82, P4-10-16-P4-10-16.	0.9	0
5	Scientific History of Ovarian Tissue Cryopreservation and Transplantation. , 2022, , 1-9.		1
6	Instructional Videos for Ovarian Tissue Harvesting, Cryopreservation, and Patient Counseling. , 2022, , 229-231.		0
7	Preoperative Evaluation and Preparation for Ovarian Tissue Transplant Surgery. , 2022, , 109-115.		1
8	Materials, Equipment, and Protocols for Ovarian Tissue Cryopreservation and Thawing. , 2022, , 233-237.		0
9	Future Aspects of Ovarian Cryopreservation and Transplantation. , 2022, , 221-227.		1
10	Ovarian Tissue Cryopreservation for Delaying Childbearing and Menopause. , 2022, , 193-201.		0
11	Approach to Ovarian Stimulation and In Vitro Fertilization in Patients With Transplanted Ovarian Tissue. , 2022, , 185-192.		0
12	Approach to Follow Up After Ovarian Transplantation. , 2022, , 177-184.		0
13	Surgical Approach to Laparoscopic and Robot-Assisted Ovarian Tissue Transplantation. , 2022, , 157-167.		0
14	Impact of adjuvant chemotherapy or tamoxifen-alone on the ovarian reserve of young women with breast cancer. Breast Cancer Research and Treatment, 2021, 185, 165-173.	2.5	18
15	Association of Germline BRCA Pathogenic Variants With Diminished Ovarian Reserve: A Meta-Analysis of Individual Patient-Level Data. Journal of Clinical Oncology, 2021, 39, 2016-2024.	1.6	36
16	Comparison of open and a novel closed vitrification system with slow freezing for human ovarian tissue cryopreservation. Journal of Assisted Reproduction and Genetics, 2021, 38, 2723-2733.	2.5	18
17	Delaying Reproductive Aging by Ovarian Tissue Cryopreservation and Transplantation: Is it Prime Time?. Trends in Molecular Medicine, 2021, 27, 753-761.	6.7	24
18	BRCA-related ATM-mediated DNA double-strand break repair and ovarian aging. Human Reproduction Update, 2020, 26, 43-57.	10.8	86

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19	Increased chemotherapy-induced ovarian reserve loss in women with germline BRCA mutations due to oocyte deoxyribonucleic acid double strand break repair deficiency. Fertility and Sterility, 2020, 113, 1251-1260.e1.	1.0	43
20	Unraveling the mechanisms of chemotherapy-induced damage to human primordial follicle reserve: road to developing therapeutics for fertility preservation and reversing ovarian aging. Molecular Human Reproduction, 2020, 26, 553-566.	2.8	37
21	Declining BRCA-Mediated DNA Repair in Sperm Aging and its Prevention by Sphingosine-1-Phosphate. Reproductive Sciences, 2020, 27, 940-953.	2.5	12
22	History, Evolution and Current State of Ovarian Tissue Auto-Transplantation with Cryopreserved Tissue: a Successful Translational Research Journey from 1999 to 2020. Reproductive Sciences, 2020, 27, 955-962.	2.5	44
23	Ovarian Stimulation in Women with Breast Cancer. , 2020, , 105-115.		0
24	Fertility preservation in gynecologic cancers. Gynecologic Oncology, 2019, 155, 522-529.	1.4	37
25	Advances in fertility-preservation surgery: navigating new frontiers. Fertility and Sterility, 2019, 112, 438-445.	1.0	19
26	Fertility preservation in girls with Turner syndrome: limitations, current success and future prospects. Fertility and Sterility, 2019, 111, 1124-1126.	1.0	16
27	Utility of Gonadotropin-Releasing Hormone Agonists for Fertility Preservation: Lack of Biologic Basis and the Need to Prioritize Proven Methods. Journal of Clinical Oncology, 2019, 37, 84-86.	1.6	17
28	Robot-assisted orthotopic and heterotopic ovarian tissue transplantation techniques: surgical advances since our first success in 2000. Fertility and Sterility, 2019, 111, 604-606.	1.0	34
29	Autologous Transplantation of Human Ovarian Tissue. , 2019, , 493-500.		5
30	Novel insights into the pathophysiology of chemotherapy-induced damage to the ovary. Panminerva Medica, 2019, 61, 68-75.	0.8	34
31	Ovarian Stimulation in Patients With Cancer: Impact of Letrozole and BRCA Mutations on Fertility Preservation Cycle Outcomes. Reproductive Sciences, 2018, 25, 26-32.	2.5	68
32	Fertility Preservation in Patients With Cancer: ASCO Clinical Practice Guideline Update. Journal of Clinical Oncology, 2018, 36, 1994-2001.	1.6	979
33	Fertility Preservation in Patients With Cancer: ASCO Clinical Practice Guideline Update Summary. Journal of Oncology Practice, 2018, 14, 381-385.	2.5	99
34	Reply to M. von Wolff et al. Journal of Clinical Oncology, 2018, 36, 3341-3341.	1.6	0
35	The impact of malignancy on response to ovarian stimulation for fertility preservation: a meta-analysis. Fertility and Sterility, 2018, 110, 1347-1355.	1.0	32
36	Ovarian Stimulation and the Long-Term Risk of Cancer. , 2018, , 344-348.		0

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37	Robot-assisted Laparoscopic Transplantation of Frozen-thawed Ovarian Tissue. Journal of Minimally Invasive Gynecology, 2017, 24, 897-898.	0.6	27
38	Application of Decellularized Tissue Scaffolds in Ovarian Tissue Transplantation. Methods in Molecular Biology, 2017, 1577, 177-181.	0.9	12
39	Current Success and Efficiency of Autologous Ovarian Transplantation: A Meta-Analysis. Reproductive Sciences, 2017, 24, 1111-1120.	2.5	183
40	Ovarian Aging in Women With BRCA Germline Mutations. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3839-3847.	3.6	80
41	Current state and controversies in fertility preservation in women with breast cancer. World Journal of Clinical Oncology, 2017, 8, 241.	2.3	43
42	Pregnancy Rate and Preservation of Cyclic Ovarian Function With Gonadotropin-Releasing Hormone Agonist Cotreatment During Chemotherapyâ€"Reply. JAMA Oncology, 2016, 2, 546.	7.1	3
43	Chemotherapy-induced damage to ovary: mechanisms and clinical impact. Future Oncology, 2016, 12, 2333-2344.	2.4	220
44	Failure of Ovarian Suppression With Gonadotropin-Releasing Hormone Analogs to Preserve Fertility. JAMA Oncology, 2016, 2, 74.	7.1	22
45	Long-Term Safety of Letrozole and Gonadotropin Stimulation for Fertility Preservation in Women With Breast Cancer. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1364-1371.	3.6	178
46	First pregnancies, live birth, and inÂvitro fertilization outcomes after transplantation of frozen-banked ovarian tissue with a human extracellular matrix scaffold using robot-assisted minimally invasive surgery. American Journal of Obstetrics and Gynecology, 2016, 214, 94.e1-94.e9.	1.3	116
47	Fertility Preservation in Women with Turner Syndrome: A Comprehensive Review and Practical Guidelines. Journal of Pediatric and Adolescent Gynecology, 2016, 29, 409-416.	0.7	140
48	Impaired DNA Repair as a Mechanism for Oocyte Aging: Is It Epigenetically Determined?. Seminars in Reproductive Medicine, 2015, 33, 384-388.	1.1	26
49	BRCA Mutations, DNA Repair Deficiency, and Ovarian Aging1. Biology of Reproduction, 2015, 93, 67.	2.7	116
50	Fertility Preservation Success Subsequent to Concurrent Aromatase Inhibitor Treatment and Ovarian Stimulation in Women With Breast Cancer. Journal of Clinical Oncology, 2015, 33, 2424-2429.	1.6	178
51	Oogonial Precursor Cell-Derived Autologous Mitochondria Injection to Improve Outcomes in Women With Multiple IVF Failures Due to Low Oocyte Quality: A Clinical Translation. Reproductive Sciences, 2015, 22, 1612-1617.	2.5	75
52	Estimates of Young Breast Cancer Survivors at Risk for Infertility in the U.S.. Oncologist, 2014, 19, 814-822.	3.7	46
53	Fertility preservation during cancer treatment: clinical guidelines. Cancer Management and Research, 2014, 6, 105.	1.9	109
54	Sphingosine-1-phosphate prevents chemotherapy-induced human primordial follicle death. Human Reproduction, 2014, 29, 107-113.	0.9	132

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55	Age-Related Decline in DNA Repair Function Explains Diminished Ovarian Reserve, Earlier Menopause, and Possible Oocyte Vulnerability to Chemotherapy in Women With BRCA Mutations. Journal of Clinical Oncology, 2014, 32, 1093-1094.	1.6	34
56	Sexual and fertility adverse effects associated with chemotherapy treatment in women. Expert Opinion on Drug Safety, 2014, 13, 1-9.	2.4	28
57	Utility of GnRH-Agonists for Fertility Preservation in Women with Operable Breast Cancer: Is It Protective?. Current Breast Cancer Reports, 2013, 5, 302-308.	1.0	24
58	Comparison of age at natural menopause in BRCA1/2 mutation carriers with a nonâ€“clinicâ€based sample of women in northern California. Cancer, 2013, 119, 1652-1659.	4.1	107
59	Safety and feasibility of performing two consecutive ovarian stimulation cycles with the use of letrozole-gonadotropin protocol forÂfertility preservation in breast cancer patients. Fertility and Sterility, 2013, 100, 1681-1685.e1.	1.0	107
60	Impairment of BRCA1-Related DNA Double-Strand Break Repair Leads to Ovarian Aging in Mice and Humans. Science Translational Medicine, 2013, 5, 172ra21.	12.4	384
61	Fertility Preservation for Patients With Cancer: American Society of Clinical Oncology Clinical Practice Guideline Update. Journal of Clinical Oncology, 2013, 31, 2500-2510.	1.6	1,390
62	Fertility Preservation and Pregnancy in Women With and Without BRCA Mutationâ€“Positive Breast Cancer. Oncologist, 2012, 17, 1409-1417.	3.7	63
63	Acute ovarian failure underestimates ageâ€specific reproductive impairment for young women undergoing chemotherapy for cancer. Cancer, 2012, 118, 1933-1939.	4.1	179
64	Recent advances in oocyte and ovarian tissue cryopreservation and transplantation. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2012, 26, 391-405.	2.8	67
65	Prevention of chemotherapy-induced damage to ovarian reserve by sphingosine-1-phosphate. Journal of Clinical Oncology, 2012, 30, 1097-1097.	1.6	0
66	Four spontaneous pregnancies and three live births following subcutaneous transplantation of frozen banked ovarian tissue: What is the explanation?. Fertility and Sterility, 2011, 95, 804.e7-804.e10.	1.0	72
67	Mechanisms of chemotherapy-induced human ovarian aging: double strand DNA breaks and microvascular compromise. Aging, 2011, 3, 782-793.	3.1	206
68	Enhancement of Neoangiogenesis and Follicle Survival by Sphingosine-1-Phosphate in Human Ovarian Tissue Xenotransplants. PLoS ONE, 2011, 6, e19475.	2.5	166
69	Infertility as a risk factor of ovarian and breast cancer. Expert Review of Obstetrics and Gynecology, 2011, 6, 153-161.	0.4	0
70	Manipulating ovarian aging: A new frontier in fertility preservation. Aging, 2011, 3, 19-21.	3.1	12
71	Value of Early Referral to Fertility Preservation in Young Women With Breast Cancer. Journal of Clinical Oncology, 2010, 28, 4683-4686.	1.6	137
72	Who is the best candidate for oocyte cryopreservation research?. Fertility and Sterility, 2010, 93, 13-15.	1.0	15

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73	Ovarian cryopreservation and transplantation for fertility preservation for medical indications: report of an ongoing experience. Fertility and Sterility, 2010, 93, 762-768.	1.0	141
74	Association of BRCA1 Mutations With Occult Primary Ovarian Insufficiency: A Possible Explanation for the Link Between Infertility and Breast/Ovarian Cancer Risks. Journal of Clinical Oncology, 2010, 28, 240-244.	1.6	312
75	Fertility preservation medicine: A new field in the care of young cancer survivors. Pediatric Blood and Cancer, 2009, 53, 267-273.	1.5	50
76	Fertility preservation medicine: A new field in the care of young cancer survivorsâ€"response. Pediatric Blood and Cancer, 2009, 53, 1160-1160.	1.5	0
77	Assessment of ovarian reserve and Doppler characteristics in patients with multiple sclerosis using immunomodulating drugs. Journal of the Turkish German Gynecology Association, 2009, 10, 213-9.	0.6	13
78	Safety of Fertility Preservation by Ovarian Stimulation With Letrozole and Gonadotropins in Patients With Breast Cancer: A Prospective Controlled Study. Journal of Clinical Oncology, 2008, 26, 2630-2635.	1.6	438
79	In vitro maturation of germinal vesicle oocytes recovered after premature luteinizing hormone surge: description of a novel approach to fertility preservation. Fertility and Sterility, 2008, 89, 228.e19-228.e22.	1.0	56
80	Impact of breast cancer chemotherapy on ovarian reserve: a prospective observational analysis by menstrual history and ovarian reserve markers. Fertility and Sterility, 2008, 90, 1635-1639.	1.0	79
81	The c-Jun N-terminal kinase JNK functions upstream of Aurora B to promote entry into mitosis. Cell Cycle, 2008, 7, 533-541.	2.6	42
82	Can GnRH Analogues Preserve Gonadal Function Without Preserving Fertility?. Oncologist, 2008, 13, 615-617.	3.7	2
83	Chemotherapy and amenorrhea: risks and treatment options. Current Opinion in Obstetrics and Gynecology, 2008, 20, 408-415.	2.0	59
84	A Novel Ovarian Xenografting Model to Characterize the Impact of Chemotherapy Agents on Human Primordial Follicle Reserve. Cancer Research, 2007, 67, 10159-10162.	0.9	178
85	The Role of Extracellular Matrix and Activin-A in In Vitro Growth and Survival of Murine Preantral Follicles. Reproductive Sciences, 2007, 14, 358-366.	2.5	63
86	Quantitative assessment of the impact of chemotherapy on ovarian follicle reserve and stromal function. Cancer, 2007, 110, 2222-2229.	4.1	232
87	Letrozole Reduces Estrogen and Gonadotropin Exposure in Women with Breast Cancer Undergoing Ovarian Stimulation before Chemotherapy. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3885-3890.	3.6	401
88	Spontaneous conceptions and live birth after heterotopic ovarian transplantation: is there a germline stem cell connection?. Human Reproduction, 2006, 21, 1345-1348.	0.9	130
89	An individualized approach to fertility preservation in women with cancer. The Journal of Supportive Oncology, 2006, 4, 181-2, 184.	2.3	3
90	Fertility preservation in female patients. Human Reproduction Update, 2004, 10, 251-266.	10.8	443

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91	Ovarian transplantation in humans: indications, techniques and the risk of reseeding cancer. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2004, 113, S45-S47.	1.1	49
92	Embryo development after heterotopic transplantation of cryopreserved ovarian tissue. Lancet, The, 2004, 363, 837-840.	13.7	524
93	Livebirth after cryopreserved ovarian tissue autotransplantation. Lancet, The, 2004, 364, 2091-2092.	13.7	82
94	Immunohistochemical Analysis of Tyrosine Phosphorylation and AP-1 Transcription Factors c-Jun, Jun D, and Fos Family During Early Ovarian Follicle Development in the Mouse. Applied Immunohistochemistry and Molecular Morphology, 2004, 12, 364-369.	1.2	13
95	A technique for transplantation of ovarian cortical strips to the forearm. Fertility and Sterility, 2003, 80, 193-198.	1.0	96
96	The potential of ovarian tissue transplant to preserve fertility. Expert Opinion on Biological Therapy, 2002, 2, 361-370.	3.1	26
97	Evidence for Limiting Ovarian Tissue Harvesting for the Purpose of Transplantation to Women Younger than 40 Years of Ageb. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1907-1908.	3.6	35
98	A technique for laparoscopic transplantation of frozen-banked ovarian tissue. Fertility and Sterility, 2001, 75, 1212-1216.	1.0	83
99	Endocrine Function and Oocyte Retrieval After Autologous Transplantation of Ovarian Cortical Strips to the Forearm. JAMA - Journal of the American Medical Association, 2001, 286, 1490.	7.4	304
100	Ovarian tissue cryopreservation and transplantation: preliminary findings and implications for cancer patients. Human Reproduction Update, 2001, 7, 526-534.	10.8	133
101	Interaction of Extracellular Matrix and Activin-A in the Initiation of Follicle Growth in the Mouse Ovary1. Biology of Reproduction, 2000, 63, 457-461.	2.7	62
102	Transplantation of cryopreserved human ovarian tissue results in follicle growth initiation in SCID mice. Fertility and Sterility, 2000, 73, 599-603.	1.0	160
103	Ovarian Function after Transplantation of Frozen, Banked Autologous Ovarian Tissue. New England Journal of Medicine, 2000, 342, 1919-1919.	27.0	483
104	Ontogeny of Follicle-Stimulating Hormone Receptor Gene Expression in Isolated Human Ovarian Follicles¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3748-3751.	3.6	262
105	Isolation and characterization of primordial follicles from fresh and cryopreserved human ovarian tissue. Fertility and Sterility, 1997, 67, 481-486.	1.0	256