Marie-Madeleine Dolmans

List of Publications by Year
in descending order

193	14,620	18436 62	22102 113
papers	citations	h-index	g-index

199	199	199	5606
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Livebirth after orthotopic transplantation of cryopreserved ovarian tissue. Lancet, The, 2004, 364, 1405-1410.	6.3	1,465
2	Fertility Preservation in Women. New England Journal of Medicine, 2017, 377, 1657-1665.	13.9	590
3	Restoration of ovarian activity and pregnancy after transplantation of cryopreserved ovarian tissue: a review of 60 cases of reimplantation. Fertility and Sterility, 2013, 99, 1503-1513.	0.5	488
4	Uterine fibroid management: from the present to the future. Human Reproduction Update, 2016, 22, 665-686.	5.2	461
5	Ovarian tissue cryopreservation and transplantation: a review. Human Reproduction Update, 2006, 12, 519-535.	5.2	406
6	Reimplantation of cryopreserved ovarian tissue from patients with acute lymphoblastic leukemia is potentially unsafe. Blood, 2010, 116, 2908-2914.	0.6	369
7	Children born after autotransplantation of cryopreserved ovarian tissue. A review of 13 live births. Annals of Medicine, 2011, 43, 437-450.	1.5	309
8	Ovarian cortex transplantation: 60 reported live births brings the success and worldwide expansion of the technique towards routine clinical practice. Journal of Assisted Reproduction and Genetics, 2015, 32, 1167-1170.	1.2	294
9	Risk of transferring malignant cells with transplanted frozen-thawed ovarian tissue. Fertility and Sterility, 2013, 99, 1514-1522.	0.5	285
10	Current achievements and future research directions in ovarian tissue culture, in vitro follicle development and transplantation: implications for fertility preservation. Human Reproduction Update, 2010, 16, 395-414.	5.2	269
11	Fertility preservation in women. Nature Reviews Endocrinology, 2013, 9, 735-749.	4.3	262
12	Forty years of IVF. Fertility and Sterility, 2018, 110, 185-324.e5.	0.5	211
13	Endometriomas as a possible cause of reduced ovarian reserve in women with endometriosis. Fertility and Sterility, 2011, 96, 685-691.	0.5	206
14	Pathogenesis of uterine adenomyosis: invagination or metaplasia?. Fertility and Sterility, 2018, 109, 371-379.	0.5	202
15	Fertility preservation in girls during childhood: is it feasible, efficient and safe and to whom should it be proposed?. Human Reproduction Update, 2010, 16, 617-630.	5.2	196
16	Survival of human pre-antral follicles after cryopreservation of ovarian tissue, follicular isolation and in vitro culture in a calcium alginate matrix. Human Reproduction, 2008, 24, 92-99.	0.4	193
17	Vitrification as an alternative means of cryopreserving ovarian tissue. Reproductive BioMedicine Online, 2011, 23, 160-186.	1.1	188
18	Short-term transplantation of isolated human ovarian follicles and cortical tissue into nude mice. Reproduction, 2007, 134, 253-262.	1.1	187

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19	Recommendations for fertility preservation in patients with lymphoma, leukemia, and breast cancer. Journal of Assisted Reproduction and Genetics, 2012, 29, 465-468.	1.2	175
20	Freeze-thawing intact human ovary with its vascular pedicle with a passive cooling device. Fertility and Sterility, 2004, 82, 1390-1394.	0.5	173
21	Enhanced follicular recruitment and atresia in cortex derived from ovaries with endometriomas. Fertility and Sterility, 2014, 101, 1031-1037.	0.5	166
22	Efficacy of ovarian tissue cryopreservation for fertility preservation: lessons learned from 545 cases. Human Reproduction, 2017, 32, 1046-1054.	0.4	164
23	Ovarian cortex transplantation: time to move onÂfrom experimental studies to open clinical application. Fertility and Sterility, 2015, 104, 1097-1098.	0.5	153
24	Oxidative stress in the pelvic cavity and its role in the pathogenesis of endometriosis. Fertility and Sterility, 2016, 106, 1011-1017.	0.5	149
25	Live birth after transplantation ofÂfrozen-thawed ovarian tissue afterÂbilateral oophorectomy for benign disease. Fertility and Sterility, 2012, 98, 720-725.	0.5	145
26	Transplantation of cryopreserved ovarian tissue in a series of 285 women: a review of five leading European centers. Fertility and Sterility, 2021, 115, 1102-1115.	0.5	145
27	Both host and graft vessels contribute to revascularization of xenografted human ovarian tissue in a murine model. Fertility and Sterility, 2010, 93, 1676-1685.	0.5	144
28	A new step toward the artificial ovary: survival and proliferation of isolated murine follicles after autologous transplantation in a fibrin scaffold. Fertility and Sterility, 2014, 101, 1149-1156.	0.5	141
29	Transplantation of an alginateâ€“matrigel matrix containing isolated ovarian cells: First step in developing a biodegradable scaffold to transplant isolated preantral follicles and ovarian cells. Biomaterials, 2012, 33, 6079-6085.	5.7	136
30	Restoration of ovarian function after orthotopic (intraovarian and periovarian) transplantation of cryopreserved ovarian tissue in a woman treated by bone marrow transplantation for sickle cell anaemia: Case report. Human Reproduction, 2006, 21, 183-188.	0.4	135
31	Evaluation of Liberase, a purified enzyme blend, for the isolation of human primordial and primary ovarian follicles. Human Reproduction, 2006, 21, 413-420.	0.4	127
32	Efficacy of in vitro fertilization after chemotherapy. Fertility and Sterility, 2005, 83, 897-901.	0.5	122
33	Ovarian tissue cryopreservation and transplantation in cancer patients. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2010, 24, 87-100.	1.4	122
34	Gynecological and obstetrical outcomes after laparoscopic repair of a cesarean scar defect in a series of 38 women. Fertility and Sterility, 2017, 107, 289-296.e2.	0.5	120
35	Apoptosis and ultrastructural assessment after cryopreservation of whole human ovaries with their vascular pedicle. Fertility and Sterility, 2007, 87, 1153-1165.	0.5	113
36	IVF outcome in patients with orthotopically transplanted ovarian tissue. Human Reproduction, 2009, 24, 2778-2787.	0.4	109

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37	A review of 15Âyears of ovarian tissue bank activities. Journal of Assisted Reproduction and Genetics, 2013, 30, 305-314.	1.2	108
38	Vitrification and xenografting of human ovarian tissue. Fertility and Sterility, 2012, 98, 1291-1298.e2.	0.5	104
39	Cryopreservation and xenotransplantation of human ovarian tissue: an ultrastructural study. Fertility and Sterility, 2008, 90, 23-32.	0.5	102
40	Development of antral follicles after xenografting of isolated small human preantral follicles. Reproductive BioMedicine Online, 2008, 16, 705-711.	1.1	93
41	Preservation of fertility in females with haematological malignancy. British Journal of Haematology, 2011, 154, 175-184.	1.2	91
42	First series of 18 pregnancies after ulipristal acetate treatment for uterine fibroids. Fertility and Sterility, 2014, 102, 1404-1409.	0.5	86
43	Xenotransplantation of human ovarian tissue to nude mice: comparison between four grafting sites. Human Reproduction, 2010, 25, 1734-1743.	0.4	85
44	Pregnancy and live birth after autotransplantation of frozen-thawed ovarian tissue in a patient with metastatic disease undergoing chemotherapy and hematopoietic stem cell transplantation. Fertility and Sterility, 2011, 95, 1787.e1-1787.e4.	0.5	85
45	Evaluation of ovarian tissue transplantation: results from three clinical centers. Fertility and Sterility, 2020, 114, 388-397.	0.5	84
46	Restoration of ovarian function in orthotopically transplanted cryopreserved ovarian tissue: a pilot experience. Reproductive BioMedicine Online, 2008, 16, 694-704.	1.1	83
47	Endometriosis and Medical Therapy: From Progestogens to Progesterone Resistance to GnRH Antagonists: A Review. Journal of Clinical Medicine, 2021, 10, 1085.	1.0	83
48	Survival and growth of human preantral follicles after cryopreservation of ovarian tissue, follicle isolation and short-term xenografting. Reproductive BioMedicine Online, 2016, 33, 425-432.	1.1	81
49	Transplantation of ovarian tissue. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2014, 28, 1188-1197.	1.4	80
50	Recent advances in fertility preservation. Journal of Obstetrics and Gynaecology Research, 2019, 45, 266-279.	0.6	78
51	Importance of patient selection to analyze in vitro fertilization outcome with transplanted cryopreserved ovarian tissue. Fertility and Sterility, 2020, 114, 279-280.	0.5	77
52	Laparoscopic ovariectomy for whole human ovary cryopreservation: technical aspects. Fertility and Sterility, 2007, 87, 971-975.	0.5	76
53	Enzymatic isolation of human primordial and primary ovarian follicles with Liberase DH: protocol for application in a clinical setting. Fertility and Sterility, 2011, 96, 379-383.e3.	0.5	76
54	Potential involvement of hemoglobin and heme in the pathogenesis of peritoneal endometriosis. Fertility and Sterility, 2002, 77, 561-570.	0.5	75

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55	Fertility preservation for age-related fertility decline. Lancet, The, 2015, 385, 506-507.	6.3	75
56	First step in developing a 3D biodegradable fibrin scaffold for an artificial ovary. Journal of Ovarian Research, 2013, 6, 83.	1.3	74
57	Fertility preservation in women for medical and social reasons: Oocytes vs ovarian tissue. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2021, 70, 63-80.	1.4	74
58	With the advent of selective progesterone receptor modulators, what is the place of myoma surgery inÂcurrent practice?. Fertility and Sterility, 2014, 102, 640-648.	0.5	72
59	InÂvivo mechanisms of uterine myoma volume reduction with ulipristal acetate treatment. Fertility and Sterility, 2015, 104, 426-434.e1.	0.5	72
60	A novel fibrin-based artificial ovary prototype resembling human ovarian tissue in terms of architecture and rigidity. Journal of Assisted Reproduction and Genetics, 2018, 35, 41-48.	1.2	70
61	Endothelial cells are essential for ovarian stromal tissue restructuring after xenotransplantation of isolated ovarian stromal cells. Human Reproduction, 2011, 26, 1431-1439.	0.4	67
62	Chick embryo chorioallantoic membrane (CAM) model: a useful tool to study short-term transplantation of cryopreserved human ovarian tissue. Fertility and Sterility, 2009, 91, 285-292.	0.5	66
63	Clinical and biologic evaluation of ovarian function in women treated by bone marrow transplantation for various indications during childhood or adolescence. Fertility and Sterility, 2011, 96, 126-133.e3.	0.5	65
64	Limited Value of Ovarian Function Markers following Orthotopic Transplantation of Ovarian Tissue after Gonadotoxic Treatment. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1136-1144.	1.8	65
65	Fertility Preservation: The Challenge of Freezing and Transplanting Ovarian Tissue. Trends in Molecular Medicine, 2021, 27, 777-791.	3.5	61
66	Successful vitrification and autografting of baboon (Papio anubis) ovarian tissue. Human Reproduction, 2013, 28, 2146-2156.	0.4	60
67	First transplantation of isolated murine follicles in alginate. Regenerative Medicine, 2014, 9, 609-619.	0.8	60
68	Fibrin in Reproductive Tissue Engineering: A Review on Its Application as a Biomaterial for Fertility Preservation. Annals of Biomedical Engineering, 2017, 45, 1650-1663.	1.3	60
69	Impact of freezing and thawing of human ovarian tissue on follicular growth after long-term xenotransplantation. Journal of Assisted Reproduction and Genetics, 2011, 28, 1157-1165.	1.2	59
70	Eliminating malignant cells from cryopreserved ovarian tissue is possible in leukaemia patients. British Journal of Haematology, 2017, 178, 231-239.	1.2	59
71	Effect of cryopreservation and transplantation on the expression of kit ligand and anti-Mullerian hormone in human ovarian tissue. Human Reproduction, 2012, 27, 1088-1095.	0.4	56
72	Adipose tissue-derived stem cells in a fibrin implant enhance neovascularization in a peritoneal grafting site: a potential way to improve ovarian tissue transplantation. Human Reproduction, 2018, 33, 270-279.	0.4	56

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73	Evaluation of cryopreserved ovarian tissue from prepubertal patients after long-term xenografting and exogenous stimulation. Fertility and Sterility, 2013, 100, 1350-1357.e3.	0.5	55
74	Vitrification of human ovarian tissue: effect of different solutions and procedures. Fertility and Sterility, 2011, 95, 1094-1097.	0.5	53
75	Two-step transplantation with adipose tissue-derived stem cells increases follicle survival by enhancing vascularization in xenografted frozenâ€“thawed human ovarian tissue. Human Reproduction, 2018, 33, 1107-1116.	0.4	53
76	Ovarian tissue freezing. Current Opinion in Obstetrics and Gynecology, 2015, 27, 222-230.	0.9	52
77	The best source of isolated stromal cells for the artificial ovary: medulla or cortex, cryopreserved or fresh?. Human Reproduction, 2015, 30, 1589-1598.	0.4	52
78	Introduction. Fertility and Sterility, 2018, 109, 369-370.	0.5	51
79	The role of cryopreservation for women prior to treatment of malignancy. Current Opinion in Obstetrics and Gynecology, 2005, 17, 333-338.	0.9	50
80	Utilization rates and results of long-term embryo cryopreservation before gonadotoxic treatment. Journal of Assisted Reproduction and Genetics, 2015, 32, 1233-1237.	1.2	50
81	Spatiotemporal changes in mechanical matrisome components of the human ovary from prepuberty to menopause. Human Reproduction, 2020, 35, 1391-1410.	0.4	50
82	Evaluation of a human ovarian follicle isolation technique to obtain disease-free follicle suspensions before safely grafting to cancer patients. Fertility and Sterility, 2015, 104, 672-680.e2.	0.5	49
83	Alginate beads as a tool to handle, cryopreserve and culture isolated human primordial/primary follicles. Cryobiology, 2013, 67, 64-69.	0.3	48
84	EUropean REcommendations for female FERtility preservation (EU-REFER): A joint collaboration between oncologists and fertility specialists. Critical Reviews in Oncology/Hematology, 2019, 138, 233-240.	2.0	47
85	FERTILITY PRESERVATION: Construction and use of artificial ovaries. Reproduction, 2019, 158, F15-F25.	1.1	46
86	Preservation of fertility in young cancer patients: contribution of transmission electron microscopy. Reproductive BioMedicine Online, 2008, 17, 136-150.	1.1	45
87	Is transplantation of cryopreserved ovarian tissue from patients with advanced-stage breast cancer safe? A pilot study. Journal of Assisted Reproduction and Genetics, 2013, 30, 1289-1299.	1.2	45
88	Ovarian tissue cryopreservation followed by controlled ovarian stimulation and pick-up of mature oocytes does not impair the number or quality of retrieved oocytes. Journal of Ovarian Research, 2014, 7, 80.	1.3	45
89	Should we isolate human preantral follicles before or after cryopreservation of ovarian tissue?. Fertility and Sterility, 2013, 99, 1363-1368.e2.	0.5	44
90	InÂvivo characterization of metabolic activity and oxidative stress in grafted human ovarian tissue using microdialysis. Fertility and Sterility, 2018, 110, 534-544.e3.	0.5	44

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91	Pathogenesis of Endometriosis: New Insights into Prospective Therapies. International Journal of Molecular Sciences, 2021, 22, 11700.	1.8	44
92	Ficoll density gradient method for recovery of isolated human ovarian primordial follicles. Fertility and Sterility, 2004, 82, 1648-1653.	0.5	43
93	Invasion process of induced deep nodular endometriosis in an experimental baboon model: similarities with collective cell migration?. Fertility and Sterility, 2015, 104, 491-497.e2.	0.5	42
94	Low Pain Score After Total Laparoscopic Hysterectomy and Same-Day Discharge Within Less Than 5 Hours: Results of a Prospective Observational Study. Journal of Minimally Invasive Gynecology, 2015, 22, 1293-1299.	0.3	40
95	Targeting mast cells: a new way to treat endometriosis. Expert Opinion on Therapeutic Targets, 2017, 21, 67-75.	1.5	40
96	Recent advances in fertility preservation and counseling for female cancer patients. Expert Review of Anticancer Therapy, 2018, 18, 115-120.	1.1	39
97	Origin and Pathogenic Mechanisms of Uterine Adenomyosis: What Is Known So Far. Reproductive Sciences, 2021, 28, 2087-2097.	1.1	39
98	Influence of follicle stage on artificial ovary outcome using fibrin as a matrix. Human Reproduction, 2016, 31, dev299.	0.4	38
99	Role of the PI3K and Hippo pathways in follicle activation after grafting of human ovarian tissue. Journal of Assisted Reproduction and Genetics, 2020, 37, 101-108.	1.2	38
100	A modified and tailored human follicle isolation procedure improves follicle recovery and survival. Journal of Ovarian Research, 2017, 10, 71.	1.3	37
101	Allograft of ovarian cortex between two genetically non-identical sisters: Case Report. Human Reproduction, 2007, 22, 2653-2659.	0.4	36
102	Live birth after allografting of ovarian cortex between genetically non-identical sisters. Human Reproduction, 2011, 26, 1384-1388.	0.4	36
103	Immunohistochemical localization of growth factors after cryopreservation and 3 weeks' xenotransplantation of human ovarian tissue. Fertility and Sterility, 2011, 95, 1241-1246.	0.5	35
104	What if deep endometriotic nodules and uterine adenomyosis were actually two forms of the same disease?. Fertility and Sterility, 2019, 111, 454-456.	0.5	35
105	A Draft Map of the Human Ovarian Proteome for Tissue Engineering and Clinical Applications. Molecular and Cellular Proteomics, 2019, 18, S159-S173.	2.5	35
106	Can Endometriosis-Related Oxidative Stress Pave the Way for New Treatment Targets?. International Journal of Molecular Sciences, 2021, 22, 7138.	1.8	35
107	Important role of collective cell migration and nerve fiber density in the development of deep nodular endometriosis. Fertility and Sterility, 2017, 107, 987-995.e5.	0.5	34
108	Is transplantation of a few leukemic cells inside an artificial ovary able to induce leukemia in an experimental model?. Journal of Assisted Reproduction and Genetics, 2015, 32, 597-606.	1.2	33

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109	Current management of myomas. Current Opinion in Obstetrics and Gynecology, 2015, 27, 422-431.	0.9	32
110	Safety of ovarian tissue transplantation in patients with borderline ovarian tumors. Human Reproduction, 2018, 33, 212-219.	0.4	32
111	Stepped vitrification technique for human ovarian tissue cryopreservation. Scientific Reports, 2019, 9, 20008.	1.6	32
112	Restoration of ovarian function after allografting of ovarian cortex between genetically non-identical sisters. Human Reproduction, 2010, 25, 2489-2495.	0.4	31
113	Evaluation of minimal disseminated disease in cryopreserved ovarian tissue from bone and soft tissue sarcoma patients. Human Reproduction, 2016, 31, 2292-2302.	0.4	31
114	Invasion of human deep nodular endometriotic lesions is associated with collective cell migration and nerve development. Fertility and Sterility, 2018, 110, 1318-1327.	0.5	31
115	Live birth after allografting of ovarian cortex between monozygotic twins with Turner syndrome (45,XO/46,XX mosaicism) and discordant ovarian function. Fertility and Sterility, 2011, 96, 1407-1411.	0.5	29
116	Ulipristal acetate for the management of large uterine fibroids associated with heavy bleeding: a review. Reproductive BioMedicine Online, 2018, 37, 216-223.	1.1	29
117	Utility of gonadotropin-releasing hormone agonists for fertility preservation in women receiving chemotherapy: pros and cons. Fertility and Sterility, 2020, 114, 725-738.	0.5	29
118	Hormone therapy for intramural myoma-related infertility from ulipristal acetate to GnRH antagonist: a review. Reproductive BioMedicine Online, 2020, 41, 431-442.	1.1	29
119	Fibroid management in premenopausal women. Climacteric, 2019, 22, 27-33.	1.1	28
120	Risk of transplanting malignant cells in cryopreserved ovarian tissue. Minerva Obstetrics and Gynecology, 2018, 70, 436-443.	0.5	28
121	Conservative Management of Uterine Adenomyosis: Medical vs. Surgical Approach. Journal of Clinical Medicine, 2021, 10, 4878.	1.0	28
122	Does the Akt pathway play a role in follicle activation after grafting of human ovarian tissue?. Reproductive BioMedicine Online, 2019, 39, 196-198.	1.1	27
123	Uterine fibroid management: Today and tomorrow. Journal of Obstetrics and Gynaecology Research, 2019, 45, 1222-1229.	0.6	26
124	Matrix Metalloproteinase Activity Correlates With Uterine Myoma Volume Reduction After Ulipristal Acetate Treatment. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1566-1573.	1.8	25
125	Safety of ovarian autotransplantation. Blood, 2012, 120, 4275-4276.	0.6	24
126	Further insights into the impact of mouse follicle stage on graft outcome in an artificial ovary environment. Molecular Human Reproduction, 2017, 23, 381-392.	1.3	24

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127	The current place of medical therapy in uterine fibroid management. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2018, 46, 57-65.	1.4	24
128	A blueprint of the topology and mechanics of the human ovary for next-generation bioengineering and diagnosis. Nature Communications, 2021, 12, 5603.	5.8	24
129	Fertility Preservation: How to Preserve Ovarian Function in Children, Adolescents and Adults. Journal of Clinical Medicine, 2021, 10, 5247.	1.0	24
130	Adipose tissue-derived stem cells boost vascularization in grafted ovarian tissue by growth factor secretion and differentiation into endothelial cell lineages. Molecular Human Reproduction, 2019, 25, 184-193.	1.3	23
131	Uterine Adenomyosis: From Disease Pathogenesis to a New Medical Approach Using GnRH Antagonists. International Journal of Environmental Research and Public Health, 2021, 18, 9941.	1.2	23
132	Natural hormone replacement therapy with a functioning ovary after the menopause: dream or reality?. Reproductive BioMedicine Online, 2018, 37, 359-366.	1.1	21
133	In vitro Activation Prior to Transplantation of Human Ovarian Tissue: Is It Truly Effective?. Frontiers in Endocrinology, 2019, 10, 520.	1.5	21
134	Nerve fiber density in deep nodular endometriotic lesions induced in a baboon experimental model. Fertility and Sterility, 2013, 100, 1144-1150.e2.	0.5	20
135	Intramural myomas more than 3â€“4 centimeters should be surgically removed before inÂvitro fertilization. Fertility and Sterility, 2021, 116, 945-958.	0.5	20
136	Ovarian extracellular matrixâ€based hydrogel for human ovarian follicle survival in vivo: A pilot work. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 1012-1022.	1.6	20
137	Impact of the cryopreservation technique and vascular bed on ovarian tissue transplantation in cynomolgus monkeys. Journal of Assisted Reproduction and Genetics, 2015, 32, 1251-1262.	1.2	19
138	Emerging treatment options for uterine fibroids. Expert Opinion on Emerging Drugs, 2018, 23, 17-23.	1.0	19
139	Ovarian tissue cryopreservation by stepped vitrification and monitored by X-ray computed tomography. Cryobiology, 2018, 81, 17-26.	0.3	18
140	Evaluation of a new freezing protocol containing 20% dimethyl sulphoxide concentration to cryopreserve human ovarian tissue. Reproductive BioMedicine Online, 2018, 37, 653-665.	1.1	18
141	Adipose tissueâ€derived stem cells protect the primordial follicle pool from both direct follicle death and abnormal activation after ovarian tissue transplantation. Journal of Assisted Reproduction and Genetics, 2021, 38, 151-161.	1.2	18
142	GnRH Antagonists with or without Add-Back Therapy: A New Alternative in the Management of Endometriosis?. International Journal of Molecular Sciences, 2021, 22, 11342.	1.8	18
143	First live birth after fertility preservation using vitrification of oocytes in a woman with mosaic Turner syndrome. Journal of Assisted Reproduction and Genetics, 2022, 39, 543-549.	1.2	18
144	Gene expression changes in uterine myomas in response to ulipristal acetate treatment. Reproductive BioMedicine Online, 2018, 37, 224-233.	1.1	16

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145	Translational research aiming to improve survival of ovarian tissue transplants using adipose tissueâ€derived stem cells. Acta Obstetricia Et Gynecologica Scandinavica, 2019, 98, 665-671.	1.3	16
146	Whole Ovary Cryopreservation and Transplantation: A Systematic Review of Challenges and Research Developments in Animal Experiments and Humans. Journal of Clinical Medicine, 2020, 9, 3196.	1.0	16
147	The ovary: from conception to death. Fertility and Sterility, 2017, 108, 594-595.	0.5	15
148	Conservative Management of Uterine Fibroid-Related Heavy Menstrual Bleeding and Infertility: Time for a Deeper Mechanistic Understanding and an Individualized Approach. Journal of Clinical Medicine, 2021, 10, 4389.	1.0	15
149	Long-Term Advantages of Ovarian Reserve Maintenance and Follicle Development Using Adipose Tissue-Derived Stem Cells in Ovarian Tissue Transplantation. Journal of Clinical Medicine, 2020, 9, 2980.	1.0	14
150	In vitro differentiation of theca cells from ovarian cells isolated from postmenopausal women. Human Reproduction, 2020, 35, 2793-2807.	0.4	13
151	Gene expression in human ovarian tissue after xenografting. Molecular Human Reproduction, 2014, 20, 514-525.	1.3	11
152	Ovarian tissue transportation: a systematic review. Reproductive BioMedicine Online, 2021, 42, 351-365.	1.1	11
153	Ovarian tissue cryopreservation and transplantation in patients with central nervous system tumours. Human Reproduction, 2021, 36, 1296-1309.	0.4	11
154	Fertility preservation in men and women: Where are we in 2021? Are we rising to the challenge?. Fertility and Sterility, 2021, 115, 1089-1090.	0.5	11
155	Ovarian tissue damage after grafting: systematic review of strategies to improve follicle outcomes. Reproductive BioMedicine Online, 2021, 43, 351-369.	1.1	11
156	Identifying Common Pathogenic Features in Deep Endometriotic Nodules and Uterine Adenomyosis. Journal of Clinical Medicine, 2021, 10, 4585.	1.0	11
157	Progesterone Receptor Isoforms, Nuclear Corepressor-1 and Steroid Receptor Coactivator-1 and B-Cell Lymphoma 2 and Akt and Akt Phosphorylation Status in Uterine Myomas after Ulipristal Acetate Treatment: A Systematic Immunohistochemical Evaluation. Gynecologic and Obstetric Investigation, 2018, 83, 443-454.	0.7	10
158	Fibroids and medical therapy: bridging the gap from selective progesterone receptor modulators to gonadotropin-releasing hormone antagonist. Fertility and Sterility, 2020, 114, 739-741.	0.5	10
159	Techniques for ovarian tissue transplantation and results. Minerva Obstetrics and Gynecology, 2018, 70, 424-431.	0.5	10
160	Ovarian tissue and oocyte cryopreservation prior to iatrogenic premature ovarian insufficiency. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2022, 81, 119-133.	1.4	10
161	Evidence of metabolic activity during low-temperature ovarian tissue preservation in different media. Journal of Assisted Reproduction and Genetics, 2020, 37, 2477-2486.	1.2	9
162	From isolation of human ovarian follicles to the artificial ovary: tips and tricks. Minerva Obstetrics and Gynecology, 2018, 70, 444-455.	0.5	9

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163	Safety of Lavender Oil-Loaded Niosomes for In Vitro Culture and Biomedical Applications. Nanomaterials, 2022, 12, 1999.	1.9	9
164	Assessing and validating housekeeping genes in normal, cancerous, and polycystic human ovaries. Journal of Assisted Reproduction and Genetics, 2020, 37, 2545-2553.	1.2	8
165	Investigation of the role of platelets in the aetiopathogenesis of adenomyosis. Reproductive BioMedicine Online, 2021, 42, 826-834.	1.1	8
166	Rewriting the script: time to rethink the indications for myoma surgery. Fertility and Sterility, 2017, 107, 334-335.	0.5	7
167	Long-term follow-up of vitrified and autografted baboon (Papio anubis) ovarian tissue. Human Reproduction, 2019, 34, 323-334.	0.4	7
168	Follicle populations and vascularization in ovarian tissue of pediatric patients before and after long-term grafting. Fertility and Sterility, 2020, 114, 1330-1338.	0.5	7
169	Proteome-wide and matrisome-specific atlas of the human ovary computes fertility biomarker candidates and open the way for precision oncofertility. Matrix Biology, 2022, 109, 91-120.	1.5	7
170	Is Ovarian Tissue Transplantation Safe in Patients with Central Nervous System Primitive Neuroectodermal Tumors?. Journal of Clinical Medicine, 2020, 9, 4101.	1.0	6
171	Oxidative stress, mitochondria, and infertility: Is the relationship fully established?. Fertility and Sterility, 2021, 116, 306-308.	0.5	6
172	Trials and tribulations of inÂvitro fertilization after ovarian tissue transplantation. Fertility and Sterility, 2019, 112, 817-818.	0.5	4
173	Basal lamina characterization in frozen-thawed and long-term grafted human prepubertal ovarian tissue. Reproductive BioMedicine Online, 2021, 42, 859-869.	1.1	4
174	Mitochondrial content, activity, and morphology in prepubertal and adult human ovaries. Journal of Assisted Reproduction and Genetics, 2021, 38, 2581-2590.	1.2	4
175	Morphometric characteristics of preantral and antral follicles and expression of factors involved in folliculogenesis in ovaries of adult baboons (Papio anubis). Journal of Assisted Reproduction and Genetics, 2016, 33, 617-626.	1.2	3
176	Can frozen-thawed human ovary withstand refreezing-rethawing in the form of cortical strips?. Journal of Assisted Reproduction and Genetics, 2020, 37, 3077-3087.	1.2	3
177	New insights into the GDF9-Hedgehog-GLI signaling pathway in human ovaries: from fetus to postmenopause. Journal of Assisted Reproduction and Genetics, 2021, 38, 1387-1403.	1.2	3
178	From isolated follicles to the artificial ovary: Why and how?. Current Opinion in Endocrine and Metabolic Research, 2021, 18, 62-68.	0.6	3
179	Investigation of malignant cells in ovarian tissue from a patient with central nervous system primitive neuroectodermal tumor relapse after ovarian tissue transplantation. Acta Obstetricia Et Gynecologica Scandinavica, 2021, 100, 555-556.	1.3	2
180	Disease-inducing potential of two leukemic cell lines in a xenografting model. Journal of Assisted Reproduction and Genetics, 2021, 38, 1589-1600.	1.2	2

#	Article	IF	Citations
181	Modulating hypoxia and oxidative stress in human xenografts using adipose tissue-derived stem cells. F&S Science, 2021, 2, 141-152.	0.5	2
182	Indications for fertility preservation in women from malignant diseases to benign conditions to age-related fertility decline. Minerva Obstetrics and Gynecology, 2018, 70, 402-407.	0.5	1
183	Uterine Fibroids and Infertility. , 2019, , 513-524.		0
184	Natural Hormone Replacement Therapy after Menopause by Ovarian Tissue Transplantation. , 2020, , 48-58.		0
185	Autotransplantation of Cryopreserved Ovarian Tissue. , 2021, , 260-272.		0
186	Risk of Transplanting Malignant Cells in Cryopreserved Ovarian Tissue. , 2021, , 302-312.		0
187	Chemotherapy with alkylating agents: Is follicle activation the only mechanism responsible for the loss of primordial follicles?. Fertility and Sterility, 2021, 115, 1166-1167.	0.5	0
188	O-192 Modulating hypoxia and oxidative stress in human ovarian tissue xenografts using adipose tissue-derived stem cells. Human Reproduction, 2021, 36, .	0.4	0
189	O-179 Safety of ovarian tissue cryopreservation and transplantation in patients with central nervous system cancers. Human Reproduction, 2021, 36, .	0.4	0
190	Risk of Transferring Malignant Cells with Transplanted Frozen-Thawed Ovarian Tissue. , 2016, , 161-173.		0
191	Assessing Safety in Ovarian Tissue Transplantation. , 2022, , 175-183.		0
192	O-034â€ƒXenotransplantation of ovarian cortex tissue from young girls with Turner Syndrome in a mice model: is normal follicular development possible?. Human Reproduction, 2022, 37, .	0.4	0
193	A synopsis of the 2021 International Society of Fertility Preservation bi-annual meeting. Journal of Assisted Reproduction and Genetics, 0, , .	1.2	0