

# Marie-Madeleine Dolmans

## List of Publications by Citations

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176  
papers

10,826  
citations

54  
h-index

100  
g-index

199  
ext. papers

12,920  
ext. citations

4.4  
avg, IF

6.83  
L-index

#	Paper	IF	Citations
176	Livebirth after orthotopic transplantation of cryopreserved ovarian tissue. <i>Lancet, The</i> , <b>2004</b> , 364, 1405-10	10	1206
175	Restoration of ovarian activity and pregnancy after transplantation of cryopreserved ovarian tissue: a review of 60 cases of reimplantation. <i>Fertility and Sterility</i> , <b>2013</b> , 99, 1503-13	4.8	422
174	Fertility Preservation in Women. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 1657-1665	59.2	386
173	Ovarian tissue cryopreservation and transplantation: a review. <i>Human Reproduction Update</i> , <b>2006</b> , 12, 519-35	15.8	363
172	Reimplantation of cryopreserved ovarian tissue from patients with acute lymphoblastic leukemia is potentially unsafe. <i>Blood</i> , <b>2010</b> , 116, 2908-14	2.2	310
171	Uterine fibroid management: from the present to the future. <i>Human Reproduction Update</i> , <b>2016</b> , 22, 665-686	15.8	291
170	Children born after autotransplantation of cryopreserved ovarian tissue. a review of 13 live births. <i>Annals of Medicine</i> , <b>2011</b> , 43, 437-50	1.5	272
169	Ovarian cortex transplantation: 60 reported live births brings the success and worldwide expansion of the technique towards routine clinical practice. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2015</b> , 32, 1167-70	3.4	249
168	Current achievements and future research directions in ovarian tissue culture, in vitro follicle development and transplantation: implications for fertility preservation. <i>Human Reproduction Update</i> , <b>2010</b> , 16, 395-414	15.8	234
167	Fertility preservation in women. <i>Nature Reviews Endocrinology</i> , <b>2013</b> , 9, 735-49	15.2	223
166	Risk of transferring malignant cells with transplanted frozen-thawed ovarian tissue. <i>Fertility and Sterility</i> , <b>2013</b> , 99, 1514-22	4.8	223
165	Fertility preservation in girls during childhood: is it feasible, efficient and safe and to whom should it be proposed?. <i>Human Reproduction Update</i> , <b>2010</b> , 16, 617-30	15.8	167
164	Short-term transplantation of isolated human ovarian follicles and cortical tissue into nude mice. <i>Reproduction</i> , <b>2007</b> , 134, 253-62	3.8	161
163	Survival of human pre-antral follicles after cryopreservation of ovarian tissue, follicular isolation and in vitro culture in a calcium alginate matrix. <i>Human Reproduction</i> , <b>2009</b> , 24, 92-9	5.7	157
162	Endometriomas as a possible cause of reduced ovarian reserve in women with endometriosis. <i>Fertility and Sterility</i> , <b>2011</b> , 96, 685-91	4.8	153
161	Recommendations for fertility preservation in patients with lymphoma, leukemia, and breast cancer. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2012</b> , 29, 465-8	3.4	150
160	Vitrification as an alternative means of cryopreserving ovarian tissue. <i>Reproductive BioMedicine Online</i> , <b>2011</b> , 23, 160-86	4	147

159	Freeze-thawing intact human ovary with its vascular pedicle with a passive cooling device. <i>Fertility and Sterility</i> , <b>2004</b> , 82, 1390-4	4.8	147
158	Live birth after transplantation of frozen-thawed ovarian tissue after bilateral oophorectomy for benign disease. <i>Fertility and Sterility</i> , <b>2012</b> , 98, 720-5	4.8	131
157	Both host and graft vessels contribute to revascularization of xenografted human ovarian tissue in a murine model. <i>Fertility and Sterility</i> , <b>2010</b> , 93, 1676-85	4.8	121
156	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. <i>Human Reproduction</i> , <b>2006</b> , 21, 183-8	5.7	119
155	A new step toward the artificial ovary: survival and proliferation of isolated murine follicles after autologous transplantation in a fibrin scaffold. <i>Fertility and Sterility</i> , <b>2014</b> , 101, 1149-56	4.8	115
154	Ovarian cortex transplantation: time to move on from experimental studies to open clinical application. <i>Fertility and Sterility</i> , <b>2015</b> , 104, 1097-8	4.8	112
153	Pathogenesis of uterine adenomyosis: invagination or metaplasia?. <i>Fertility and Sterility</i> , <b>2018</b> , 109, 371-379	4.8	111
152	Transplantation of an alginate-matrigel matrix containing isolated ovarian cells: first step in developing a biodegradable scaffold to transplant isolated preantral follicles and ovarian cells. <i>Biomaterials</i> , <b>2012</b> , 33, 6079-85	15.6	111
151	Enhanced follicular recruitment and atresia in cortex derived from ovaries with endometriomas. <i>Fertility and Sterility</i> , <b>2014</b> , 101, 1031-7	4.8	110
150	Evaluation of Liberase, a purified enzyme blend, for the isolation of human primordial and primary ovarian follicles. <i>Human Reproduction</i> , <b>2006</b> , 21, 413-20	5.7	109
149	Efficacy of in vitro fertilization after chemotherapy. <i>Fertility and Sterility</i> , <b>2005</b> , 83, 897-901	4.8	109
148	Forty years of IVF. <i>Fertility and Sterility</i> , <b>2018</b> , 110, 185-324.e5	4.8	108
147	Oxidative stress in the pelvic cavity and its role in the pathogenesis of endometriosis. <i>Fertility and Sterility</i> , <b>2016</b> , 106, 1011-1017	4.8	104
146	Apoptosis and ultrastructural assessment after cryopreservation of whole human ovaries with their vascular pedicle. <i>Fertility and Sterility</i> , <b>2007</b> , 87, 1153-65	4.8	104
145	Efficacy of ovarian tissue cryopreservation for fertility preservation: lessons learned from 545 cases. <i>Human Reproduction</i> , <b>2017</b> , 32, 1046-1054	5.7	103
144	Ovarian tissue cryopreservation and transplantation in cancer patients. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , <b>2010</b> , 24, 87-100	4.6	103
143	IVF outcome in patients with orthotopically transplanted ovarian tissue. <i>Human Reproduction</i> , <b>2009</b> , 24, 2778-87	5.7	94
142	Cryopreservation and xenotransplantation of human ovarian tissue: an ultrastructural study. <i>Fertility and Sterility</i> , <b>2008</b> , 90, 23-32	4.8	94

141	Vitrification and xenografting of human ovarian tissue. <i>Fertility and Sterility</i> , <b>2012</b> , 98, 1291-8.e1-2	4.8	90
140	A review of 15 years of ovarian tissue bank activities. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2013</b> , 30, 305-14	3.4	88
139	Development of antral follicles after xenografting of isolated small human preantral follicles. <i>Reproductive BioMedicine Online</i> , <b>2008</b> , 16, 705-11	4	80
138	Preservation of fertility in females with haematological malignancy. <i>British Journal of Haematology</i> , <b>2011</b> , 154, 175-84	4.5	76
137	Restoration of ovarian function in orthotopically transplanted cryopreserved ovarian tissue: a pilot experience. <i>Reproductive BioMedicine Online</i> , <b>2008</b> , 16, 694-704	4	76
136	Xenotransplantation of human ovarian tissue to nude mice: comparison between four grafting sites. <i>Human Reproduction</i> , <b>2010</b> , 25, 1734-43	5.7	75
135	First series of 18 pregnancies after ulipristal acetate treatment for uterine fibroids. <i>Fertility and Sterility</i> , <b>2014</b> , 102, 1404-9	4.8	74
134	Pregnancy and live birth after autotransplantation of frozen-thawed ovarian tissue in a patient with metastatic disease undergoing chemotherapy and hematopoietic stem cell transplantation. <i>Fertility and Sterility</i> , <b>2011</b> , 95, 1787.e1-4	4.8	74
133	Gynecological and obstetrical outcomes after laparoscopic repair of a cesarean scar defect in a series of 38 women. <i>Fertility and Sterility</i> , <b>2017</b> , 107, 289-296.e2	4.8	71
132	Laparoscopic ovariectomy for whole human ovary cryopreservation: technical aspects. <i>Fertility and Sterility</i> , <b>2007</b> , 87, 971-5	4.8	69
131	Transplantation of ovarian tissue. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , <b>2014</b> , 28, 1188-97	4.6	68
130	Fertility preservation for age-related fertility decline. <i>Lancet, The</i> , <b>2015</b> , 385, 506-7	4.0	62
129	With the advent of selective progesterone receptor modulators, what is the place of myoma surgery in current practice?. <i>Fertility and Sterility</i> , <b>2014</b> , 102, 640-8	4.8	60
128	Chick embryo chorioallantoic membrane (CAM) model: a useful tool to study short-term transplantation of cryopreserved human ovarian tissue. <i>Fertility and Sterility</i> , <b>2009</b> , 91, 285-92	4.8	60
127	First step in developing a 3D biodegradable fibrin scaffold for an artificial ovary. <i>Journal of Ovarian Research</i> , <b>2013</b> , 6, 83	5.5	59
126	Enzymatic isolation of human primordial and primary ovarian follicles with Liberase DH: protocol for application in a clinical setting. <i>Fertility and Sterility</i> , <b>2011</b> , 96, 379-383.e3	4.8	59
125	Potential involvement of hemoglobin and heme in the pathogenesis of peritoneal endometriosis. <i>Fertility and Sterility</i> , <b>2002</b> , 77, 561-70	4.8	59
124	In vivo mechanisms of uterine myoma volume reduction with ulipristal acetate treatment. <i>Fertility and Sterility</i> , <b>2015</b> , 104, 426-34.e1	4.8	57

123	Survival and growth of human preantral follicles after cryopreservation of ovarian tissue, follicle isolation and short-term xenografting. <i>Reproductive BioMedicine Online</i> , <b>2016</b> , 33, 425-32	4	55
122	Successful vitrification and autografting of baboon ( <i>Papio anubis</i> ) ovarian tissue. <i>Human Reproduction</i> , <b>2013</b> , 28, 2146-56	5.7	54
121	Impact of freezing and thawing of human ovarian tissue on follicular growth after long-term xenotransplantation. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2011</b> , 28, 1157-65	3.4	52
120	Endothelial cells are essential for ovarian stromal tissue restructuring after xenotransplantation of isolated ovarian stromal cells. <i>Human Reproduction</i> , <b>2011</b> , 26, 1431-9	5.7	52
119	Clinical and biologic evaluation of ovarian function in women treated by bone marrow transplantation for various indications during childhood or adolescence. <i>Fertility and Sterility</i> , <b>2011</b> , 96, 126-133.e3	4.8	51
118	Limited value of ovarian function markers following orthotopic transplantation of ovarian tissue after gonadotoxic treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, 1136-44	5.6	51
117	Evaluation of cryopreserved ovarian tissue from prepubertal patients after long-term xenografting and exogenous stimulation. <i>Fertility and Sterility</i> , <b>2013</b> , 100, 1350-7	4.8	49
116	The best source of isolated stromal cells for the artificial ovary: medulla or cortex, cryopreserved or fresh?. <i>Human Reproduction</i> , <b>2015</b> , 30, 1589-98	5.7	49
115	Effect of cryopreservation and transplantation on the expression of kit ligand and anti-Mullerian hormone in human ovarian tissue. <i>Human Reproduction</i> , <b>2012</b> , 27, 1088-95	5.7	49
114	A novel fibrin-based artificial ovary prototype resembling human ovarian tissue in terms of architecture and rigidity. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2018</b> , 35, 41-48	3.4	48
113	Eliminating malignant cells from cryopreserved ovarian tissue is possible in leukaemia patients. <i>British Journal of Haematology</i> , <b>2017</b> , 178, 231-239	4.5	46
112	The role of cryopreservation for women prior to treatment of malignancy. <i>Current Opinion in Obstetrics and Gynecology</i> , <b>2005</b> , 17, 333-8	2.4	45
111	Recent advances in fertility preservation. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2019</b> , 45, 266-279		45
110	Ovarian tissue freezing: current status. <i>Current Opinion in Obstetrics and Gynecology</i> , <b>2015</b> , 27, 222-30	2.4	44
109	Vitrification of human ovarian tissue: effect of different solutions and procedures. <i>Fertility and Sterility</i> , <b>2011</b> , 95, 1094-7	4.8	43
108	First transplantation of isolated murine follicles in alginate. <i>Regenerative Medicine</i> , <b>2014</b> , 9, 609-19	2.5	42
107	Preservation of fertility in young cancer patients: contribution of transmission electron microscopy. <i>Reproductive BioMedicine Online</i> , <b>2008</b> , 17, 136-50	4	42
106	Fibrin in Reproductive Tissue Engineering: A Review on Its Application as a Biomaterial for Fertility Preservation. <i>Annals of Biomedical Engineering</i> , <b>2017</b> , 45, 1650-1663	4.7	41

105	Is transplantation of cryopreserved ovarian tissue from patients with advanced-stage breast cancer safe? A pilot study. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2013</b> , 30, 1289-99	3.4	40
104	Should we isolate human preantral follicles before or after cryopreservation of ovarian tissue?. <i>Fertility and Sterility</i> , <b>2013</b> , 99, 1363-1368.e2	4.8	38
103	Alginate beads as a tool to handle, cryopreserve and culture isolated human primordial/primary follicles. <i>Cryobiology</i> , <b>2013</b> , 67, 64-9	2.7	38
102	Utilization rates and results of long-term embryo cryopreservation before gonadotoxic treatment. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2015</b> , 32, 1233-7	3.4	37
101	Two-step transplantation with adipose tissue-derived stem cells increases follicle survival by enhancing vascularization in xenografted frozen-thawed human ovarian tissue. <i>Human Reproduction</i> , <b>2018</b> , 33, 1107-1116	5.7	37
100	Adipose tissue-derived stem cells in a fibrin implant enhance neovascularization in a peritoneal grafting site: a potential way to improve ovarian tissue transplantation. <i>Human Reproduction</i> , <b>2018</b> , 33, 270-279	5.7	37
99	Ficoll density gradient method for recovery of isolated human ovarian primordial follicles. <i>Fertility and Sterility</i> , <b>2004</b> , 82, 1648-53	4.8	37
98	Evaluation of a human ovarian follicle isolation technique to obtain disease-free follicle suspensions before safely grafting to cancer patients. <i>Fertility and Sterility</i> , <b>2015</b> , 104, 672-80.e2	4.8	36
97	Ovarian tissue cryopreservation followed by controlled ovarian stimulation and pick-up of mature oocytes does not impair the number or quality of retrieved oocytes. <i>Journal of Ovarian Research</i> , <b>2014</b> , 7, 80	5.5	35
96	Allograft of ovarian cortex between two genetically non-identical sisters: case report. <i>Human Reproduction</i> , <b>2007</b> , 22, 2653-9	5.7	33
95	Immunohistochemical localization of growth factors after cryopreservation and 3 weeksT xenotransplantation of human ovarian tissue. <i>Fertility and Sterility</i> , <b>2011</b> , 95, 1241-6	4.8	32
94	Live birth after allografting of ovarian cortex between genetically non-identical sisters. <i>Human Reproduction</i> , <b>2011</b> , 26, 1384-8	5.7	32
93	Invasion process of induced deep nodular endometriosis in an experimental baboon model: similarities with collective cell migration?. <i>Fertility and Sterility</i> , <b>2015</b> , 104, 491-7.e2	4.8	29
92	Current management of myomas: the place of medical therapy with the advent of selective progesterone receptor modulators. <i>Current Opinion in Obstetrics and Gynecology</i> , <b>2015</b> , 27, 422-31	2.4	29
91	EUropean REcommendations for female FERtility preservation (EU-REFER): A joint collaboration between oncologists and fertility specialists. <i>Critical Reviews in Oncology/Hematology</i> , <b>2019</b> , 138, 233-240	7	28
90	Low Pain Score After Total Laparoscopic Hysterectomy and Same-Day Discharge Within Less Than 5 Hours: Results of a Prospective Observational Study. <i>Journal of Minimally Invasive Gynecology</i> , <b>2015</b> , 22, 1293-9	2.2	28
89	Evaluation of ovarian tissue transplantation: results from three clinical centers. <i>Fertility and Sterility</i> , <b>2020</b> , 114, 388-397	4.8	28
88	Is transplantation of a few leukemic cells inside an artificial ovary able to induce leukemia in an experimental model?. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2015</b> , 32, 597-606	3.4	28

87	Targeting mast cells: a new way to treat endometriosis. <i>Expert Opinion on Therapeutic Targets</i> , <b>2017</b> , 21, 67-75	6.4	27
86	Endometriosis and Medical Therapy: From Progestogens to Progesterone Resistance to GnRH Antagonists: A Review. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	26
85	Recent advances in fertility preservation and counseling for female cancer patients. <i>Expert Review of Anticancer Therapy</i> , <b>2018</b> , 18, 115-120	3.5	26
84	Introduction: Uterine adenomyosis, another enigmatic disease of our time. <i>Fertility and Sterility</i> , <b>2018</b> , 109, 369-370	4.8	25
83	Restoration of ovarian function after allografting of ovarian cortex between genetically non-identical sisters. <i>Human Reproduction</i> , <b>2010</b> , 25, 2489-95	5.7	25
82	Evaluation of minimal disseminated disease in cryopreserved ovarian tissue from bone and soft tissue sarcoma patients. <i>Human Reproduction</i> , <b>2016</b> , 31, 2292-302	5.7	25
81	Important role of collective cell migration and nerve fiber density in the development of deep nodular endometriosis. <i>Fertility and Sterility</i> , <b>2017</b> , 107, 987-995.e5	4.8	24
80	Safety of ovarian tissue transplantation in patients with borderline ovarian tumors. <i>Human Reproduction</i> , <b>2018</b> , 33, 212-219	5.7	24
79	Influence of follicle stage on artificial ovary outcome using fibrin as a matrix. <i>Human Reproduction</i> , <b>2016</b> , 31, 427-35	5.7	23
78	In vivo characterization of metabolic activity and oxidative stress in grafted human ovarian tissue using microdialysis. <i>Fertility and Sterility</i> , <b>2018</b> , 110, 534-544.e3	4.8	23
77	FERTILITY PRESERVATION: Construction and use of artificial ovaries. <i>Reproduction</i> , <b>2019</b> , 158, F15-F25	3.8	22
76	A modified and tailored human follicle isolation procedure improves follicle recovery and survival. <i>Journal of Ovarian Research</i> , <b>2017</b> , 10, 71	5.5	21
75	Ulipristal acetate for the management of large uterine fibroids associated with heavy bleeding: a review. <i>Reproductive BioMedicine Online</i> , <b>2018</b> , 37, 216-223	4	21
74	Safety of ovarian autotransplantation. <i>Blood</i> , <b>2012</b> , 120, 4275-6	2.2	21
73	Transplantation of cryopreserved ovarian tissue in a series of 285 women: a review of five leading European centers. <i>Fertility and Sterility</i> , <b>2021</b> , 115, 1102-1115	4.8	21
72	The current place of medical therapy in uterine fibroid management. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , <b>2018</b> , 46, 57-65	4.6	20
71	Risk of transplanting malignant cells in cryopreserved ovarian tissue. <i>Minerva Obstetrics and Gynecology</i> , <b>2018</b> , 70, 436-443		20
70	A Draft Map of the Human Ovarian Proteome for Tissue Engineering and Clinical Applications. <i>Molecular and Cellular Proteomics</i> , <b>2019</b> , 18, S159-S173	7.6	20

69	Fibroid management in premenopausal women. <i>Climacteric</i> , <b>2019</b> , 22, 27-33	3.1	19
68	Uterine fibroid management: Today and tomorrow. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2019</b> , 45, 1222-1229	1.9	18
67	Role of the PI3K and Hippo pathways in follicle activation after grafting of human ovarian tissue. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2020</b> , 37, 101-108	3.4	18
66	Adipose tissue-derived stem cells boost vascularization in grafted ovarian tissue by growth factor secretion and differentiation into endothelial cell lineages. <i>Molecular Human Reproduction</i> , <b>2019</b> , 25, 184-193	4.4	17
65	Matrix Metalloproteinase Activity Correlates With Uterine Myoma Volume Reduction After Ulipristal Acetate Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 1566-1573	5.6	17
64	Further insights into the impact of mouse follicle stage on graft outcome in an artificial ovary environment. <i>Molecular Human Reproduction</i> , <b>2017</b> , 23, 381-392	4.4	16
63	Does the Akt pathway play a role in follicle activation after grafting of human ovarian tissue?. <i>Reproductive BioMedicine Online</i> , <b>2019</b> , 39, 196-198	4	16
62	Impact of the cryopreservation technique and vascular bed on ovarian tissue transplantation in cynomolgus monkeys. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2015</b> , 32, 1251-62	3.4	16
61	Spatiotemporal changes in mechanical matrix components of the human ovary from prepuberty to menopause. <i>Human Reproduction</i> , <b>2020</b> , 35, 1391-1410	5.7	16
60	Nerve fiber density in deep nodular endometriotic lesions induced in a baboon experimental model. <i>Fertility and Sterility</i> , <b>2013</b> , 100, 1144-50	4.8	16
59	Live birth after allografting of ovarian cortex between monozygotic twins with Turner syndrome (45,XO/46,XX mosaicism) and discordant ovarian function. <i>Fertility and Sterility</i> , <b>2011</b> , 96, 1407-11	4.8	16
58	Fertility preservation in women for medical and social reasons: Oocytes vs ovarian tissue. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , <b>2021</b> , 70, 63-80	4.6	16
57	Emerging treatment options for uterine fibroids. <i>Expert Opinion on Emerging Drugs</i> , <b>2018</b> , 23, 17-23	3.7	15
56	Evaluation of a new freezing protocol containing 20% dimethyl sulphoxide concentration to cryopreserve human ovarian tissue. <i>Reproductive BioMedicine Online</i> , <b>2018</b> , 37, 653-665	4	15
55	Stepped vitrification technique for human ovarian tissue cryopreservation. <i>Scientific Reports</i> , <b>2019</b> , 9, 20008	4.9	14
54	Activation Prior to Transplantation of Human Ovarian Tissue: Is It Truly Effective?. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 520	5.7	13
53	The ovary: from conception to death. <i>Fertility and Sterility</i> , <b>2017</b> , 108, 594-595	4.8	13
52	Origin and Pathogenic Mechanisms of Uterine Adenomyosis: What Is Known So Far. <i>Reproductive Sciences</i> , <b>2021</b> , 28, 2087-2097	3	13



51	Invasion of human deep nodular endometriotic lesions is associated with collective cell migration and nerve development. <i>Fertility and Sterility</i> , <b>2018</b> , 110, 1318-1327	4.8	13
50	Natural hormone replacement therapy with a functioning ovary after the menopause: dream or reality?. <i>Reproductive BioMedicine Online</i> , <b>2018</b> , 37, 359-366	4	12
49	Translational research aiming to improve survival of ovarian tissue transplants using adipose tissue-derived stem cells. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2019</b> , 98, 665-671	3.8	11
48	Fertility Preservation: The Challenge of Freezing and Transplanting Ovarian Tissue. <i>Trends in Molecular Medicine</i> , <b>2021</b> , 27, 777-791	11.5	11
47	Hormone therapy for intramural myoma-related infertility from ulipristal acetate to GnRH antagonist: a review. <i>Reproductive BioMedicine Online</i> , <b>2020</b> , 41, 431-442	4	11
46	Ovarian tissue cryopreservation by stepped vitrification and monitored by X-ray computed tomography. <i>Cryobiology</i> , <b>2018</b> , 81, 17-26	2.7	10
45	Gene expression changes in uterine myomas in response to ulipristal acetate treatment. <i>Reproductive BioMedicine Online</i> , <b>2018</b> , 37, 224-233	4	10
44	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. <i>Gynecologic and Obstetric Investigation</i> , <b>2018</b> , 83, 443-454	2.5	9
43	Gene expression in human ovarian tissue after xenografting. <i>Molecular Human Reproduction</i> , <b>2014</b> , 20, 514-25	4.4	9
42	Techniques for ovarian tissue transplantation and results. <i>Minerva Obstetrics and Gynecology</i> , <b>2018</b> , 70, 424-431		9
41	Long-Term Advantages of Ovarian Reserve Maintenance and Follicle Development Using Adipose Tissue-Derived Stem Cells in Ovarian Tissue Transplantation. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	7
40	Rewriting the script: time to rethink the indications for myoma surgery. <i>Fertility and Sterility</i> , <b>2017</b> , 107, 334-335	4.8	6
39	In vitro differentiation of theca cells from ovarian cells isolated from postmenopausal women. <i>Human Reproduction</i> , <b>2020</b> , 35, 2793-2807	5.7	6
38	From isolation of human ovarian follicles to the artificial ovary: tips and tricks. <i>Minerva Obstetrics and Gynecology</i> , <b>2018</b> , 70, 444-455		5
37	Whole Ovary Cryopreservation and Transplantation: A Systematic Review of Challenges and Research Developments in Animal Experiments and Humans. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	5
36	Adipose tissue-derived stem cells protect the primordial follicle pool from both direct follicle death and abnormal activation after ovarian tissue transplantation. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 151-161	3.4	5
35	Can Endometriosis-Related Oxidative Stress Pave the Way for New Treatment Targets?. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
34	A blueprint of the topology and mechanics of the human ovary for next-generation bioengineering and diagnosis. <i>Nature Communications</i> , <b>2021</b> , 12, 5603	17.4	5

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32	Ovarian tissue transportation: a systematic review. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 42, 351-365	4	4
31	Fertility Preservation: How to Preserve Ovarian Function in Children, Adolescents and Adults. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	3
30	Follicle populations and vascularization in ovarian tissue of pediatric patients before and after long-term grafting. <i>Fertility and Sterility</i> , <b>2020</b> , 114, 1330-1338	4.8	3
29	Assessing and validating housekeeping genes in normal, cancerous, and polycystic human ovaries. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2020</b> , 37, 2545-2553	3.4	3
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27	Is Ovarian Tissue Transplantation Safe in Patients with Central Nervous System Primitive Neuroectodermal Tumors?. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	3
26	Fertility preservation in men and women: Where are we in 2021? Are we rising to the challenge?. <i>Fertility and Sterility</i> , <b>2021</b> , 115, 1089-1090	4.8	3
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22	First live birth after fertility preservation using vitrification of oocytes in a woman with mosaic Turner syndrome.. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2022</b> , 1	3.4	2
21	Conservative Management of Uterine Adenomyosis: Medical vs. Surgical Approach. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	2
20	Investigation of the role of platelets in the aetiopathogenesis of adenomyosis. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 42, 826-834	4	2
19	Ovarian tissue cryopreservation and transplantation in patients with central nervous system tumours. <i>Human Reproduction</i> , <b>2021</b> , 36, 1296-1309	5.7	2
18	Identifying Common Pathogenic Features in Deep Endometriotic Nodules and Uterine Adenomyosis. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	1
17	Indications for fertility preservation in women from malignant diseases to benign conditions to age-related fertility decline. <i>Minerva Obstetrics and Gynecology</i> , <b>2018</b> , 70, 402-407		1
16	Can Frozen-thawed human ovary withstand refreezing-rethawing in the form of cortical strips?. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2020</b> , 37, 3077-3087	3.4	1

15	Basal lamina characterization in frozen-thawed and long-term grafted human prepubertal ovarian tissue. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 42, 859-869	4	1
14	Investigation of malignant cells in ovarian tissue from a patient with central nervous system primitive neuroectodermal tumor relapse after ovarian tissue transplantation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2021</b> , 100, 555-556	3.8	1
13	Mitochondrial content, activity, and morphology in prepubertal and adult human ovaries. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 2581-2590	3.4	1
12	Techniques for Ovarian Tissue Transplantation <b>2022</b> , 163-174		0
11	New insights into the GDF9-Hedgehog-Gli signaling pathway in human ovaries: from fetus to postmenopause. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 1387-1403	3.4	0
10	Disease-inducing potential of two leukemic cell lines in a xenografting model. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 1589-1600	3.4	0
9	Modulating hypoxia and oxidative stress in human xenografts using adipose tissue-derived stem cells.. <i>F&amp;S Science</i> , <b>2021</b> , 2, 141-152	0.4	0
8	From isolated follicles to the artificial ovary: Why and how?. <i>Current Opinion in Endocrine and Metabolic Research</i> , <b>2021</b> , 18, 62-68	1.7	0
7	Ovarian tissue damage after grafting: systematic review of strategies to improve follicle outcomes. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 43, 351-369	4	0
6	Natural Hormone Replacement Therapy after Menopause by Ovarian Tissue Transplantation <b>2020</b> , 48-58		
5	Assessing Safety in Ovarian Tissue Transplantation <b>2022</b> , 175-183		
4	Risk of Transferring Malignant Cells with Transplanted Frozen-Thawed Ovarian Tissue <b>2016</b> , 161-173		
3	Autotransplantation of Cryopreserved Ovarian Tissue <b>2021</b> , 260-272		
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