

Teresa K. Woodruff

List of Publications by Year in descending order

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Version: 2024-02-01

405
papers

23,261
citations

4653

85
h-index

12933

131
g-index

417
all docs

417
docs citations

417
times ranked

16173
citing authors

#	ARTICLE	IF	CITATIONS
1	Preservation of Fertility in Patients with Cancer. <i>New England Journal of Medicine</i> , 2009, 360, 902-911.	13.9	544
2	A bioprosthetic ovary created using 3D printed microporous scaffolds restores ovarian function in sterilized mice. <i>Nature Communications</i> , 2017, 8, 15261.	5.8	381
3	Female reproductive disorders: the roles of endocrine-disrupting compounds and developmental timing. <i>Fertility and Sterility</i> , 2008, 90, 911-940.	0.5	379
4	The promise of organ and tissue preservation to transform medicine. <i>Nature Biotechnology</i> , 2017, 35, 530-542.	9.4	371
5	Tissue-Engineered Follicles Produce Live, Fertile Offspring. <i>Tissue Engineering</i> , 2006, 12, 2739-2746.	4.9	354
6	A microfluidic culture model of the human reproductive tract and 28-day menstrual cycle. <i>Nature Communications</i> , 2017, 8, 14584.	5.8	327
7	Activin Stimulates Spermatogonial Proliferation in Germ-Sertoli Cell Cocultures from Immature Rat Testis. <i>Endocrinology</i> , 1990, 127, 3206-3214.	1.4	318
8	Physical properties of alginate hydrogels and their effects on in vitro follicle development. <i>Biomaterials</i> , 2007, 28, 4439-4448.	5.7	292
9	Considering sex as a biological variable in preclinical research. <i>FASEB Journal</i> , 2017, 31, 29-34.	0.2	285
10	In vitro grown human ovarian follicles from cancer patients support oocyte growth. <i>Human Reproduction</i> , 2009, 24, 2531-2540.	0.4	280
11	Fertility preservation in women with cancer. <i>Lancet, The</i> , 2014, 384, 1302-1310.	6.3	272
12	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> , 2010, 16, 395-414.	5.2	269
13	Inhibin and Activin Locally Regulate Rat Ovarian Folliculogenesis. <i>Endocrinology</i> , 1990, 127, 3196-3205.	1.4	261
14	The Structure of the Follistatin:Activin Complex Reveals Antagonism of Both Type I and Type II Receptor Binding. <i>Developmental Cell</i> , 2005, 9, 535-543.	3.1	247
15	Identification of a Stage-Specific Permissive In Vitro Culture Environment for Follicle Growth and Oocyte Development ¹ . <i>Biology of Reproduction</i> , 2006, 75, 916-923.	1.2	234
16	Rat Inhibin: Molecular Cloning of α - and β -Subunit Complementary Deoxyribonucleic Acids and Expression in the Ovary. <i>Molecular Endocrinology</i> , 1987, 1, 561-568.	3.7	223
17	The in vitro regulation of ovarian follicle development using alginate-extracellular matrix gels. <i>Biomaterials</i> , 2006, 27, 714-723.	5.7	219
18	Interpenetrating fibrin- α alginate matrices for in vitro ovarian follicle development. <i>Biomaterials</i> , 2009, 30, 5476-5485.	5.7	212

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19	Zinc availability regulates exit from meiosis in maturing mammalian oocytes. <i>Nature Chemical Biology</i> , 2010, 6, 674-681.	3.9	208
20	Sex bias in trials and treatment must end. <i>Nature</i> , 2010, 465, 688-689.	13.7	207
21	The primordial pool of follicles and nest breakdown in mammalian ovaries. <i>Molecular Human Reproduction</i> , 2009, 15, 795-803.	1.3	204
22	Sex bias exists in basic science and translational surgical research. <i>Surgery</i> , 2014, 156, 508-516.	1.0	198
23	In vitro follicle growth supports human oocyte meiotic maturation. <i>Scientific Reports</i> , 2015, 5, 17323.	1.6	190
24	Activin Signal Transduction Pathways. <i>Trends in Endocrinology and Metabolism</i> , 2000, 11, 309-314.	3.1	188
25	Structures of an ActRIIB:activin A complex reveal a novel binding mode for TGF-beta ligand:receptor interactions. <i>EMBO Journal</i> , 2003, 22, 1555-1566.	3.5	188
26	The Oncofertility Consortiumâ€”addressing fertility in young people with cancer. <i>Nature Reviews Clinical Oncology</i> , 2010, 7, 466-475.	12.5	187
27	Sex inclusion in basic research drives discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5257-5258.	3.3	187
28	Insertion of <i>Inhbb</i> into the <i>Inhba</i> locus rescues the <i>Inhba</i> -null phenotype and reveals new activin functions. <i>Nature Genetics</i> , 2000, 25, 453-457.	9.4	185
29	Quantitative mapping of zinc fluxes in the mammalian egg reveals the origin of fertilization-induced zinc sparks. <i>Nature Chemistry</i> , 2015, 7, 130-139.	6.6	185
30	Zinc Sparks Are Triggered by Fertilization and Facilitate Cell Cycle Resumption in Mammalian Eggs. <i>ACS Chemical Biology</i> , 2011, 6, 716-723.	1.6	184
31	Novel Approach for the Three-Dimensional Culture of Granulosa Cellâ€”Oocyte Complexes. <i>Tissue Engineering</i> , 2003, 9, 1013-1021.	4.9	183
32	Postnatal regulation of germ cells by activin: The establishment of the initial follicle pool. <i>Developmental Biology</i> , 2006, 298, 132-148.	0.9	183
33	The regulatory role of <i>Dicer</i> in folliculogenesis in mice. <i>Molecular and Cellular Endocrinology</i> , 2010, 315, 63-73.	1.6	181
34	The Possible Role of Resource Requirements and Academic Career-Choice Risk on Gender Differences in Publication Rate and Impact. <i>PLoS ONE</i> , 2012, 7, e51332.	1.1	179
35	A 10-year follow-up study of sex inclusion in the biological sciences. <i>ELife</i> , 2020, 9, .	2.8	176
36	Initiation of puberty in mice following decellularized ovary transplant. <i>Biomaterials</i> , 2015, 50, 20-29.	5.7	173

#	ARTICLE	IF	CITATIONS
37	Encapsulated Three-Dimensional Culture Supports Development of Nonhuman Primate Secondary Follicles. <i>Biology of Reproduction</i> , 2009, 81, 587-594.	1.2	169
38	Results from the survey for preservation of adolescent reproduction (SPARE) study: gender disparity in delivery of fertility preservation message to adolescents with cancer. <i>Journal of Assisted Reproduction and Genetics</i> , 2011, 28, 269-277.	1.2	169
39	Chromosome cohesion decreases in human eggs with advanced maternal age. <i>Aging Cell</i> , 2012, 11, 1121-1124.	3.0	161
40	Regulation of Mouse Follicle Development by Follicle-Stimulating Hormone in a Three-Dimensional In Vitro Culture System Is Dependent on Follicle Stage and Dose. <i>Biology of Reproduction</i> , 2005, 73, 942-950.	1.2	158
41	The Role of the Extracellular Matrix in Ovarian Follicle Development. <i>Reproductive Sciences</i> , 2007, 14, 6-10.	1.1	158
42	Comparison of National Institutes of Health Grant Amounts to First-Time Male and Female Principal Investigators. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 898.	3.8	158
43	Paracrine Regulation of Reproductive Function by Inhibin and Activin. <i>Experimental Biology and Medicine</i> , 1992, 201, 1-15.	1.1	150
44	Inhibin, Activin and the Female Reproductive Axis. <i>Annual Review of Physiology</i> , 1995, 57, 219-244.	5.6	149
45	Induction of Cyclin D2 in Rat Granulosa Cells Requires FSH-dependent Relief from FOXO1 Repression Coupled with Positive Signals from Smad. <i>Journal of Biological Chemistry</i> , 2005, 280, 9135-9148.	1.6	147
46	A novel two-step strategy for in vitro culture of early-stage ovarian follicles in the mouse. <i>Fertility and Sterility</i> , 2010, 93, 2633-2639.	0.5	140
47	Isolated primate primordial follicles require a rigid physical environment to survive and grow in vitro. <i>Human Reproduction</i> , 2012, 27, 1801-1810.	0.4	139
48	Bioengineering the Ovarian Follicle Microenvironment. <i>Annual Review of Biomedical Engineering</i> , 2014, 16, 29-52.	5.7	138
49	Inhibin at 90: From Discovery to Clinical Application, a Historical Review. <i>Endocrine Reviews</i> , 2014, 35, 747-794.	8.9	136
50	Suppression of Notch Signaling in the Neonatal Mouse Ovary Decreases Primordial Follicle Formation. <i>Endocrinology</i> , 2009, 150, 1014-1024.	1.4	132
51	A new hypothesis regarding ovarian follicle development: ovarian rigidity as a regulator of selection and health. <i>Journal of Assisted Reproduction and Genetics</i> , 2011, 28, 3-6.	1.2	132
52	Hydrogel network design using multifunctional macromers to coordinate tissue maturation in ovarian follicle culture. <i>Biomaterials</i> , 2011, 32, 2524-2531.	5.7	132
53	How can we improve oncofertility care for patients? A systematic scoping review of current international practice and models of care. <i>Human Reproduction Update</i> , 2019, 25, 159-179.	5.2	132
54	Distribution of extracellular matrix proteins type I collagen, type IV collagen, fibronectin, and laminin in mouse folliculogenesis. <i>Histochemistry and Cell Biology</i> , 2006, 126, 583-592.	0.8	130

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55	Fertility Preservation Preferences and Perspectives Among Adult Male Survivors of Pediatric Cancer and Their Parents. <i>Journal of Adolescent and Young Adult Oncology</i> , 2014, 3, 75-82.	0.7	130
56	Regulation of Cellular and System Function by Activin. <i>Biochemical Pharmacology</i> , 1998, 55, 953-963.	2.0	128
57	Evidence for Chromosome 2p16.3 Polycystic Ovary Syndrome Susceptibility Locus in Affected Women of European Ancestry. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E185-E190.	1.8	121
58	The structural basis of TGF- β 2, bone morphogenetic protein, and activin ligand binding. <i>Reproduction</i> , 2006, 132, 179-190.	1.1	119
59	Regulation of the Rat Follicle-Stimulating Hormone β 2-Subunit Promoter by Activin. <i>Molecular Endocrinology</i> , 2003, 17, 318-332.	3.7	118
60	Ovarian Follicle Development Requires Smad3. <i>Molecular Endocrinology</i> , 2004, 18, 2224-2240.	3.7	118
61	Activin A Mediates Growth Inhibition and Cell Cycle Arrest through Smads in Human Breast Cancer Cells. <i>Cancer Research</i> , 2005, 65, 7968-7975.	0.4	118
62	Fate of the initial follicle pool: Empirical and mathematical evidence supporting its sufficiency for adult fertility. <i>Developmental Biology</i> , 2006, 298, 149-154.	0.9	117
63	Secondary follicle growth and oocyte maturation by culture in alginate hydrogel following cryopreservation of the ovary or individual follicles. <i>Biotechnology and Bioengineering</i> , 2009, 103, 378-386.	1.7	117
64	Involvement of androgens in ovarian health and disease. <i>Molecular Human Reproduction</i> , 2013, 19, 828-837.	1.3	117
65	The Emergence of a New Interdiscipline: Oncofertility. <i>Cancer Treatment and Research</i> , 2007, 138, 3-11.	0.2	117
66	Engineering the Follicle Microenvironment. <i>Seminars in Reproductive Medicine</i> , 2007, 25, 287-299.	0.5	112
67	Alginate encapsulation supports the growth and differentiation of human primordial follicles within ovarian cortical tissue. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 1013-1028.	1.2	110
68	Extracellular Matrix Functions in Follicle Maturation. <i>Seminars in Reproductive Medicine</i> , 2006, 24, 262-269.	0.5	109
69	Transforming Growth Factor- β 1, Transforming Growth Factor- β 2, and Transforming Growth Factor- β 3 Enhance Ovarian Cancer Metastatic Potential by Inducing a Smad3-Dependent Epithelial-to-Mesenchymal Transition. <i>Molecular Cancer Research</i> , 2008, 6, 695-705.	1.5	109
70	The time is now for a new approach to primary ovarian insufficiency. <i>Fertility and Sterility</i> , 2011, 95, 1890-1897.	0.5	107
71	Roles for Transforming Growth Factor Beta Superfamily Proteins in Early Folliculogenesis. <i>Seminars in Reproductive Medicine</i> , 2009, 27, 014-023.	0.5	105
72	Fibrin Encapsulation and Vascular Endothelial Growth Factor Delivery Promotes Ovarian Graft Survival in Mice. <i>Tissue Engineering - Part A</i> , 2011, 17, 3095-3104.	1.6	105

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73	Toward precision medicine for preserving fertility in cancer patients: existing and emerging fertility preservation options for women. <i>Journal of Gynecologic Oncology</i> , 2016, 27, e22.	1.0	105
74	Rescue of platinum-damaged oocytes from programmed cell death through inactivation of the p53 family signaling network. <i>Cell Death and Differentiation</i> , 2013, 20, 987-997.	5.0	104
75	“Tissue Papers” from Organ-Specific Decellularized Extracellular Matrices. <i>Advanced Functional Materials</i> , 2017, 27, 1700992.	7.8	104
76	In Vitro Oocyte Maturation and Preantral Follicle Culture from the Luteal-Phase Baboon Ovary Produce Mature Oocytes. <i>Biology of Reproduction</i> , 2011, 84, 689-697.	1.2	103
77	Differences in Collaboration Patterns across Discipline, Career Stage, and Gender. <i>PLoS Biology</i> , 2016, 14, e1002573.	2.6	100
78	Prepubertal Primordial Follicle Loss in Mice Is Not Due to Classical Apoptotic Pathways ¹ . <i>Biology of Reproduction</i> , 2009, 81, 16-25.	1.2	99
79	Engineering the ovarian cycle using in vitro follicle culture. <i>Human Reproduction</i> , 2015, 30, 1386-1395.	0.4	99
80	The Mouse Follicle Microenvironment Regulates Antrum Formation and Steroid Production: Alterations in Gene Expression Profiles ¹ . <i>Biology of Reproduction</i> , 2009, 80, 432-439.	1.2	98
81	A macrophage and theca cell-enriched stromal cell population influences growth and survival of immature murine follicles in vitro. <i>Reproduction</i> , 2011, 141, 809-820.	1.1	96
82	Determining If Sex Bias Exists in Human Surgical Clinical Research. <i>JAMA Surgery</i> , 2016, 151, 1022.	2.2	96
83	Neonatal Exposure to Estrogens Suppresses Activin Expression and Signaling in the Mouse Ovary. <i>Endocrinology</i> , 2007, 148, 1968-1976.	1.4	94
84	Localization of the Activin Signal Transduction Components in Normal Human Ovarian Follicles: Implications for Autocrine and Paracrine Signaling in the Ovary. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 2644-2657.	1.8	92
85	The zinc spark is an inorganic signature of human egg activation. <i>Scientific Reports</i> , 2016, 6, 24737.	1.6	91
86	Mechanisms of Inhibin Signal Transduction. <i>Endocrine Reviews</i> , 2001, 56, 417-450.	7.1	86
87	Enhancement of primate oocyte maturation and fertilization in vitro by inhibin A and activin A. <i>Fertility and Sterility</i> , 1996, 66, 646-653.	0.5	85
88	Inhibitors of apoptosis protect the ovarian reserve from cyclophosphamide. <i>Journal of Endocrinology</i> , 2019, 240, 243-256.	1.2	85
89	Structure and Expression of a Membrane Component of the Inhibin Receptor System ¹ . <i>Endocrinology</i> , 2000, 141, 2600-2607.	1.4	84
90	A Zinc-Dependent Mechanism Regulates Meiotic Progression in Mammalian Oocytes ¹ . <i>Biology of Reproduction</i> , 2012, 86, 114.	1.2	84

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91	Oncofertility: a grand collaboration between reproductive medicine and oncology. <i>Reproduction</i> , 2015, 150, S1-S10.	1.1	83
92	Properties of inhibin binding to betaglycan, InhBP/p120 and the activin type II receptors. <i>Molecular and Cellular Endocrinology</i> , 2002, 196, 79-93.	1.6	80
93	Age-Related Analysis of Inhibin A, Inhibin B, and Activin A Relative to the Intercycle Monotropic Follicle-Stimulating Hormone Rise in Normal Ovulatory Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 2977-2981.	1.8	80
94	Improved Fertility Preservation Care for Male Patients With Cancer After Establishment of Formalized Oncofertility Program. <i>Journal of Urology</i> , 2012, 187, 979-986.	0.2	79
95	Zinc Requirement During Meiosis – Meiosis II Transition in Mouse Oocytes Is Independent of the MOS-MAPK Pathway. <i>Biology of Reproduction</i> , 2011, 84, 526-536.	1.2	77
96	Fertility Preservation and Adolescent Cancer Patients: Lessons from Adult Survivors of Childhood Cancer and Their Parents. <i>Cancer Treatment and Research</i> , 2007, 138, 201-217.	0.2	77
97	Ovarian Follicular Concentrations of Activin, Follistatin, Inhibin, Insulin-Like Growth Factor I (IGF-I), IGF-II, IGF-Binding Protein-2 (IGFBP-2), IGFBP-3, and Vascular Endothelial Growth Factor in Spontaneous Menstrual Cycles of Normal Women of Advanced Reproductive Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4520-4525.	1.8	75
98	Fertility Preservation for Pediatric Patients: Current State and Future Possibilities. <i>Journal of Urology</i> , 2017, 198, 186-194.	0.2	75
99	Localization of Inhibin and Activin Binding Sites in the Testis during Development by in Situ Ligand Binding. <i>Biology of Reproduction</i> , 1994, 50, 734-744.	1.2	74
100	Smad3 Mediates Activin-Induced Transcription of Follicle-Stimulating Hormone β 2-Subunit Gene. <i>Molecular Endocrinology</i> , 2005, 19, 1849-1858.	3.7	73
101	Folliculogenesis in the domestic cat (<i>Felis catus</i>). <i>Theriogenology</i> , 2006, 66, 5-13.	0.9	73
102	Decreased Inhibin Gene Expression in Preovulatory Follicles Requires Primary Gonadotropin Surges*. <i>Endocrinology</i> , 1989, 124, 2193-2199.	1.4	72
103	Activin A-Induced HepG2 Liver Cell Apoptosis: Involvement of Activin Receptors and Smad Proteins*. <i>Endocrinology</i> , 2000, 141, 1263-1272.	1.4	72
104	Zinc sparks induce physiochemical changes in the egg zona pellucida that prevent polyspermy. <i>Integrative Biology (United Kingdom)</i> , 2017, 9, 135-144.	0.6	72
105	Pituitary Follistatin Regulates Activin-Mediated Production of Follicle-Stimulating Hormone during the Rat Estrous Cycle*. <i>Endocrinology</i> , 1997, 138, 2841-2848.	1.4	71
106	Effects of Inhibin A and Activin A during in Vitro Maturation of Bovine Oocytes in Hormone- and Serum-Free Medium. <i>Biology of Reproduction</i> , 1997, 56, 1559-1564.	1.2	71
107	Beta A versus beta B: is it merely a matter of expression?. <i>Molecular and Cellular Endocrinology</i> , 2004, 225, 9-17.	1.6	70
108	Development of a Pediatric Fertility Preservation Program: A Report From the Pediatric Initiative Network of the Oncofertility Consortium. <i>Journal of Adolescent Health</i> , 2019, 64, 563-573.	1.2	70

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109	An Estrogen Receptor- β Knock-In Mutation Provides Evidence of Ligand-Independent Signaling and Allows Modulation of Ligand-Induced Pathways in Vivo. <i>Endocrinology</i> , 2008, 149, 2970-2979.	1.4	69
110	Creating a Global Community of Practice for Oncofertility. <i>JCO Global Oncology</i> , 2016, 2, 83-96.	0.8	69
111	Biological and immunological characterization of inhibin forms in human plasma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996, 81, 669-676.	1.8	68
112	Activin C Antagonizes Activin A in Vitro and Overexpression Leads to Pathologies in Vivo. <i>American Journal of Pathology</i> , 2009, 174, 184-195.	1.9	67
113	Maternally-derived zinc transporters ZIP6 and ZIP10 drive the mammalian oocyte-to-egg transition. <i>Molecular Human Reproduction</i> , 2014, 20, 1077-1089.	1.3	67
114	Molecular Biology of Inhibin Action. <i>Seminars in Reproductive Medicine</i> , 2004, 22, 269-276.	0.5	66
115	Preserving female fertility following cancer treatment: Current options and future possibilities. <i>Pediatric Blood and Cancer</i> , 2009, 53, 289-295.	0.8	66
116	New advances in ovarian autotransplantation to restore fertility in cancer patients. <i>Cancer and Metastasis Reviews</i> , 2015, 34, 807-822.	2.7	66
117	Doxorubicin Has Dose-Dependent Toxicity on Mouse Ovarian Follicle Development, Hormone Secretion, and Oocyte Maturation. <i>Toxicological Sciences</i> , 2017, 157, 320-329.	1.4	64
118	Engineered reproductive tissues. <i>Nature Biomedical Engineering</i> , 2020, 4, 381-393.	11.6	64
119	Nano-Encapsulation of Arsenic Trioxide Enhances Efficacy against Murine Lymphoma Model while Minimizing Its Impact on Ovarian Reserve In Vitro and In Vivo. <i>PLoS ONE</i> , 2013, 8, e58491.	1.1	63
120	Systemic and Intraluteal Infusion of Inhibin A or Activin A in Rhesus Monkeys during the Luteal Phase of the Menstrual Cycle. <i>Biology of Reproduction</i> , 1994, 50, 888-895.	1.2	61
121	Activin Regulates Estrogen Receptor Gene Expression in the Mouse Ovary. <i>Journal of Biological Chemistry</i> , 2007, 282, 36755-36765.	1.6	61
122	Size-specific follicle selection improves mouse oocyte reproductive outcomes. <i>Reproduction</i> , 2015, 150, 183-192.	1.1	61
123	Identification of an Inhibin Receptor in Gonadal Tumors from Inhibin β -Subunit Knockout Mice. <i>Journal of Biological Chemistry</i> , 1998, 273, 398-403.	1.6	60
124	Gonadotropin-Induced Superovulation Drives Ovarian Surface Epithelia Proliferation in CD1 Mice. <i>Endocrinology</i> , 2006, 147, 2338-2345.	1.4	60
125	Structural and Biophysical Coupling of Heparin and Activin Binding to Follistatin Isoform Functions. <i>Journal of Biological Chemistry</i> , 2007, 282, 15930-15939.	1.6	60
126	Factors Affecting Fertility Decision-Making Among Transgender Adolescents and Young Adults. <i>LGBT Health</i> , 2019, 6, 107-115.	1.8	60

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127	Scaffold-Free Endometrial Organoids Respond to Excess Androgens Associated With Polycystic Ovarian Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 769-780.	1.8	60
128	Incorporating fertility preservation into the care of young oncology patients. <i>Cancer</i> , 2011, 117, 1-10.	2.0	59
129	Future Directions in Oncofertility and Fertility Preservation: A Report from the 2011 Oncofertility Consortium Conference. <i>Journal of Adolescent and Young Adult Oncology</i> , 2013, 2, 25-30.	0.7	59
130	Murine granulosa cell morphology and function are regulated by a synthetic Arg-Gly-Asp matrix. <i>Molecular and Cellular Endocrinology</i> , 2003, 205, 1-10.	1.6	57
131	Embryonic Fibroblasts Enable the Culture of Primary Ovarian Follicles Within Alginate Hydrogels. <i>Tissue Engineering - Part A</i> , 2012, 18, 1229-1238.	1.6	56
132	Gene expression in mouse ovarian follicle development in vivo versus an ex vivo alginate culture system. <i>Reproduction</i> , 2011, 142, 309-318.	1.1	55
133	Hypoxia-mediated carbohydrate metabolism and transport promote early-stage murine follicle growth and survival. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E893-E903.	1.8	55
134	Presence of Germ Cells in Disorders of Sex Development: Implications for Fertility Potential and Preservation. <i>Journal of Urology</i> , 2017, 197, 937-943.	0.2	55
135	Oncofertility—An emerging discipline rather than a special consideration. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27297.	0.8	54
136	Ovarian Follicular Concentrations of Activin, Follistatin, Inhibin, Insulin-Like Growth Factor I (IGF-I), IGF-II, IGF-Binding Protein-2 (IGFBP-2), IGFBP-3, and Vascular Endothelial Growth Factor in Spontaneous Menstrual Cycles of Normal Women of Advanced Reproductive Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4520-4525.	1.8	54
137	Using decision trees to enhance interdisciplinary team work: the case of oncofertility. <i>Journal of Assisted Reproduction and Genetics</i> , 2010, 27, 227-231.	1.2	53
138	Structure of betaglycan zona pellucida (ZP)-C domain provides insights into ZP-mediated protein polymerization and TGF- β 2 binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5232-5236.	3.3	53
139	Transient inhibition of p53 homologs protects ovarian function from two distinct apoptotic pathways triggered by anticancer therapies. <i>Cell Death and Differentiation</i> , 2019, 26, 502-515.	5.0	53
140	Minireview: Inhibin Binding Protein (InhBP/p120), Betaglycan, and the Continuing Search for the Inhibin Receptor. <i>Molecular Endocrinology</i> , 2002, 16, 207-212.	3.7	52
141	Fibrin-Mediated Delivery of an Ovarian Follicle Pool in a Mouse Model of Infertility. <i>Tissue Engineering - Part A</i> , 2014, 20, 3021-3030.	1.6	52
142	Promoting extracellular matrix remodeling via ascorbic acid enhances the survival of primary ovarian follicles encapsulated in alginate hydrogels. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1417-1429.	1.7	52
143	The fertilization-induced zinc spark is a novel biomarker of mouse embryo quality and early development. <i>Scientific Reports</i> , 2016, 6, 22772.	1.6	52
144	Cell Autonomous Phosphoinositide 3-Kinase Activation in Oocytes Disrupts Normal Ovarian Function Through Promoting Survival and Overgrowth of Ovarian Follicles. <i>Endocrinology</i> , 2015, 156, 1464-1476.	1.4	51

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145	Development of a novel human recellularized endometrium that responds to a 28-day hormone treatment. <i>Biology of Reproduction</i> , 2017, 96, 971-981.	1.2	51
146	The Development of a Mouse Model of Ovarian Endosalpingiosis. <i>Endocrinology</i> , 2005, 146, 5228-5236.	1.4	50
147	The expression of inhibin beta B is high in human adipocytes, reduced by weight loss, and correlates to factors implicated in metabolic disease. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 1308-1314.	1.0	50
148	Downregulation of the Apelinergic Axis Accelerates Aging, whereas Its Systemic Restoration Improves the Mammalian Healthspan. <i>Cell Reports</i> , 2017, 21, 1471-1480.	2.9	50
149	Betaglycan Localization in the Female Rat Pituitary: Implications for the Regulation of Follicle-Stimulating Hormone by Inhibin. <i>Endocrinology</i> , 2003, 144, 5640-5649.	1.4	49
150	Multi-modal magnetic resonance elastography for noninvasive assessment of ovarian tissue rigidity in vivo. <i>Acta Biomaterialia</i> , 2015, 13, 295-300.	4.1	49
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