

# Teresa K. Woodruff

## List of Publications by Citations

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369  
papers

18,248  
citations

78  
h-index

118  
g-index

413  
ext. papers

20,827  
ext. citations

6.1  
avg, IF

7.01  
L-index

#	Paper	IF	Citations
369	Preservation of fertility in patients with cancer. <i>New England Journal of Medicine</i> , <b>2009</b> , 360, 902-11	59.2	483
368	Female reproductive disorders: the roles of endocrine-disrupting compounds and developmental timing. <i>Fertility and Sterility</i> , <b>2008</b> , 90, 911-40	4.8	320
367	Tissue-engineered follicles produce live, fertile offspring. <i>Tissue Engineering</i> , <b>2006</b> , 12, 2739-46		302
366	A bioprosthetic ovary created using 3D printed microporous scaffolds restores ovarian function in sterilized mice. <i>Nature Communications</i> , <b>2017</b> , 8, 15261	17.4	281
365	Activin stimulates spermatogonial proliferation in germ-Sertoli cell cocultures from immature rat testis. <i>Endocrinology</i> , <b>1990</b> , 127, 3206-14	4.8	276
364	The promise of organ and tissue preservation to transform medicine. <i>Nature Biotechnology</i> , <b>2017</b> , 35, 530-542	44.5	246
363	In vitro grown human ovarian follicles from cancer patients support oocyte growth. <i>Human Reproduction</i> , <b>2009</b> , 24, 2531-40	5.7	245
362	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
361	Physical properties of alginate hydrogels and their effects on in vitro follicle development. <i>Biomaterials</i> , <b>2007</b> , 28, 4439-48	15.6	232
360	A microfluidic culture model of the human reproductive tract and 28-day menstrual cycle. <i>Nature Communications</i> , <b>2017</b> , 8, 14584	17.4	231
359	Fertility preservation in women with cancer. <i>Lancet, The</i> , <b>2014</b> , 384, 1302-10	40	229
358	Inhibin and activin locally regulate rat ovarian folliculogenesis. <i>Endocrinology</i> , <b>1990</b> , 127, 3196-205	4.8	213
357	The structure of the follistatin:activin complex reveals antagonism of both type I and type II receptor binding. <i>Developmental Cell</i> , <b>2005</b> , 9, 535-43	10.2	205
356	The in vitro regulation of ovarian follicle development using alginate-extracellular matrix gels. <i>Biomaterials</i> , <b>2006</b> , 27, 714-23	15.6	198
355	Identification of a stage-specific permissive in vitro culture environment for follicle growth and oocyte development. <i>Biology of Reproduction</i> , <b>2006</b> , 75, 916-23	3.9	198
354	Rat inhibin: molecular cloning of alpha- and beta-subunit complementary deoxyribonucleic acids and expression in the ovary. <i>Molecular Endocrinology</i> , <b>1987</b> , 1, 561-8		181
353	Considering sex as a biological variable in preclinical research. <i>FASEB Journal</i> , <b>2017</b> , 31, 29-34	0.9	176

352	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> , <b>2000</b> , 25, 453-7	36.3	173
351	Interpenetrating fibrin-alginate matrices for in vitro ovarian follicle development. <i>Biomaterials</i> , <b>2009</b> , 30, 5476-85	15.6	172
350	Structures of an ActRIIB:activin A complex reveal a novel binding mode for TGF-beta ligand:receptor interactions. <i>EMBO Journal</i> , <b>2003</b> , 22, 1555-66	13	172
349	Zinc availability regulates exit from meiosis in maturing mammalian oocytes. <i>Nature Chemical Biology</i> , <b>2010</b> , 6, 674-81	11.7	170
348	Novel approach for the three-dimensional culture of granulosa cell-oocyte complexes. <i>Tissue Engineering</i> , <b>2003</b> , 9, 1013-21		169
347	Sex bias in trials and treatment must end. <i>Nature</i> , <b>2010</b> , 465, 688-9	50.4	168
346	Postnatal regulation of germ cells by activin: the establishment of the initial follicle pool. <i>Developmental Biology</i> , <b>2006</b> , 298, 132-48	3.1	162
345	The Oncofertility Consortium--addressing fertility in young people with cancer. <i>Nature Reviews Clinical Oncology</i> , <b>2010</b> , 7, 466-75	19.4	159
344	The regulatory role of Dicer in folliculogenesis in mice. <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 315, 63-73	4.4	159
343	The primordial pool of follicles and nest breakdown in mammalian ovaries. <i>Molecular Human Reproduction</i> , <b>2009</b> , 15, 795-803	4.4	159
342	Activin signal transduction pathways. <i>Trends in Endocrinology and Metabolism</i> , <b>2000</b> , 11, 309-14	8.8	159
341	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> , <b>2011</b> , 28, 269-77	3.4	149
340	Encapsulated three-dimensional culture supports development of nonhuman primate secondary follicles. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 587-94	3.9	148
339	Opinion: Sex inclusion in basic research drives discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 5257-8	11.5	142
338	Quantitative mapping of zinc fluxes in the mammalian egg reveals the origin of fertilization-induced zinc sparks. <i>Nature Chemistry</i> , <b>2015</b> , 7, 130-9	17.6	142
337	In vitro follicle growth supports human oocyte meiotic maturation. <i>Scientific Reports</i> , <b>2015</b> , 5, 17323	4.9	141
336	Zinc sparks are triggered by fertilization and facilitate cell cycle resumption in mammalian eggs. <i>ACS Chemical Biology</i> , <b>2011</b> , 6, 716-23	4.9	141
335	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> , <b>2005</b> , 73, 942-50	3.9	138

334	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> , <b>2005</b> , 280, 9135-48	5.4	130
333	Inhibin, activin and the female reproductive axis. <i>Annual Review of Physiology</i> , <b>1995</b> , 57, 219-44	23.1	130
332	Sex bias exists in basic science and translational surgical research. <i>Surgery</i> , <b>2014</b> , 156, 508-16	3.6	128
331	Initiation of puberty in mice following decellularized ovary transplant. <i>Biomaterials</i> , <b>2015</b> , 50, 20-9	15.6	124
330	Chromosome cohesion decreases in human eggs with advanced maternal age. <i>Aging Cell</i> , <b>2012</b> , 11, 1121-9	4.9	121
329	The possible role of resource requirements and academic career-choice risk on gender differences in publication rate and impact. <i>PLoS ONE</i> , <b>2012</b> , 7, e51332	3.7	121
328	Suppression of Notch signaling in the neonatal mouse ovary decreases primordial follicle formation. <i>Endocrinology</i> , <b>2009</b> , 150, 1014-24	4.8	120
327	Regulation of cellular and system function by activin. <i>Biochemical Pharmacology</i> , <b>1998</b> , 55, 953-63	6	117
326	A novel two-step strategy for in vitro culture of early-stage ovarian follicles in the mouse. <i>Fertility and Sterility</i> , <b>2010</b> , 93, 2633-9	4.8	116
325	Regulation of the rat follicle-stimulating hormone beta-subunit promoter by activin. <i>Molecular Endocrinology</i> , <b>2003</b> , 17, 318-32		115
324	Fertility Preservation Preferences and Perspectives Among Adult Male Survivors of Pediatric Cancer and Their Parents. <i>Journal of Adolescent and Young Adult Oncology</i> , <b>2014</b> , 3, 75-82	2.2	109
323	Hydrogel network design using multifunctional macromers to coordinate tissue maturation in ovarian follicle culture. <i>Biomaterials</i> , <b>2011</b> , 32, 2524-31	15.6	109
322	Isolated primate primordial follicles require a rigid physical environment to survive and grow in vitro. <i>Human Reproduction</i> , <b>2012</b> , 27, 1801-10	5.7	108
321	The role of the extracellular matrix in ovarian follicle development. <i>Reproductive Sciences</i> , <b>2007</b> , 14, 6-10	3	108
320	Activin A mediates growth inhibition and cell cycle arrest through Smads in human breast cancer cells. <i>Cancer Research</i> , <b>2005</b> , 65, 7968-75	10.1	107
319	The structural basis of TGF-beta, bone morphogenetic protein, and activin ligand binding. <i>Reproduction</i> , <b>2006</b> , 132, 179-90	3.8	107
318	Ovarian follicle development requires Smad3. <i>Molecular Endocrinology</i> , <b>2004</b> , 18, 2224-40		107
317	Bioengineering the ovarian follicle microenvironment. <i>Annual Review of Biomedical Engineering</i> , <b>2014</b> , 16, 29-52	12	106

316	Inhibin at 90: from discovery to clinical application, a historical review. <i>Endocrine Reviews</i> , <b>2014</b> , 35, 747-94.2	4.2	105
315	Distribution of extracellular matrix proteins type I collagen, type IV collagen, fibronectin, and laminin in mouse folliculogenesis. <i>Histochemistry and Cell Biology</i> , <b>2006</b> , 126, 583-92	2.4	102
314	Transforming growth factor-beta1, transforming growth factor-beta2, and transforming growth factor-beta3 enhance ovarian cancer metastatic potential by inducing a Smad3-dependent epithelial-to-mesenchymal transition. <i>Molecular Cancer Research</i> , <b>2008</b> , 6, 695-705	6.6	101
313	A new hypothesis regarding ovarian follicle development: ovarian rigidity as a regulator of selection and health. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2011</b> , 28, 3-6	3.4	100
312	Fate of the initial follicle pool: empirical and mathematical evidence supporting its sufficiency for adult fertility. <i>Developmental Biology</i> , <b>2006</b> , 298, 149-54	3.1	100
311	Engineering the follicle microenvironment. <i>Seminars in Reproductive Medicine</i> , <b>2007</b> , 25, 287-99	1.4	97
310	Secondary follicle growth and oocyte maturation by culture in alginate hydrogel following cryopreservation of the ovary or individual follicles. <i>Biotechnology and Bioengineering</i> , <b>2009</b> , 103, 378-86	4.9	96
309	Evidence for chromosome 2p16.3 polycystic ovary syndrome susceptibility locus in affected women of European ancestry. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, E185-90	5.6	95
308	The emergence of a new interdisciplinary: oncofertility. <i>Cancer Treatment and Research</i> , <b>2007</b> , 138, 3-11	3.5	92
307	Paracrine regulation of reproductive function by inhibin and activin. <i>Experimental Biology and Medicine</i> , <b>1992</b> , 201, 1-15	3.7	91
306	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> , <b>2019</b> , 321, 898-900	27.4	90
305	Neonatal exposure to estrogens suppresses activin expression and signaling in the mouse ovary. <i>Endocrinology</i> , <b>2007</b> , 148, 1968-76	4.8	90
304	In vitro oocyte maturation and preantral follicle culture from the luteal-phase baboon ovary produce mature oocytes. <i>Biology of Reproduction</i> , <b>2011</b> , 84, 689-97	3.9	87
303	Fibrin encapsulation and vascular endothelial growth factor delivery promotes ovarian graft survival in mice. <i>Tissue Engineering - Part A</i> , <b>2011</b> , 17, 3095-104	3.9	87
302	Roles for transforming growth factor beta superfamily proteins in early folliculogenesis. <i>Seminars in Reproductive Medicine</i> , <b>2009</b> , 27, 14-23	1.4	87
301	Prepubertal primordial follicle loss in mice is not due to classical apoptotic pathways. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 16-25	3.9	85
300	The mouse follicle microenvironment regulates antrum formation and steroid production: alterations in gene expression profiles. <i>Biology of Reproduction</i> , <b>2009</b> , 80, 432-9	3.9	85
299	Extracellular matrix functions in follicle maturation. <i>Seminars in Reproductive Medicine</i> , <b>2006</b> , 24, 262-9	1.4	85



280	Zinc requirement during meiosis I-meiosis II transition in mouse oocytes is independent of the MOS-MAPK pathway. <i>Biology of Reproduction</i> , <b>2011</b> , 84, 526-36	3.9	67
279	A zinc-dependent mechanism regulates meiotic progression in mammalian oocytes. <i>Biology of Reproduction</i> , <b>2012</b> , 86, 114	3.9	67
278	Pituitary follistatin regulates activin-mediated production of follicle-stimulating hormone during the rat estrous cycle. <i>Endocrinology</i> , <b>1997</b> , 138, 2841-8	4.8	67
277	Activin A-induced HepG2 liver cell apoptosis: involvement of activin receptors and smad proteins. <i>Endocrinology</i> , <b>2000</b> , 141, 1263-72	4.8	67
276	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> , <b>1997</b> , 56, 1559-64	3.9	66
275	Engineering the ovarian cycle using in vitro follicle culture. <i>Human Reproduction</i> , <b>2015</b> , 30, 1386-95	5.7	64
274	Beta A versus beta B: is it merely a matter of expression?. <i>Molecular and Cellular Endocrinology</i> , <b>2004</b> , 225, 9-17	4.4	64
273	An estrogen receptor-alpha knock-in mutation provides evidence of ligand-independent signaling and allows modulation of ligand-induced pathways in vivo. <i>Endocrinology</i> , <b>2008</b> , 149, 2970-9	4.8	63
272	"Tissue Papers" from Organ-Specific Decellularized Extracellular Matrices. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1700992	15.6	62
271	Oncofertility: a grand collaboration between reproductive medicine and oncology. <i>Reproduction</i> , <b>2015</b> , 150, S1-10	3.8	61
270	Decreased inhibin gene expression in preovulatory follicles requires primary gonadotropin surges. <i>Endocrinology</i> , <b>1989</b> , 124, 2193-9	4.8	61
269	Fertility preservation and adolescent cancer patients: lessons from adult survivors of childhood cancer and their parents. <i>Cancer Treatment and Research</i> , <b>2007</b> , 138, 201-17	3.5	61
268	Preserving female fertility following cancer treatment: current options and future possibilities. <i>Pediatric Blood and Cancer</i> , <b>2009</b> , 53, 289-95	3	59
267	Molecular biology of inhibin action. <i>Seminars in Reproductive Medicine</i> , <b>2004</b> , 22, 269-76	1.4	59
266	Biological and immunological characterization of inhibin forms in human plasma. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1996</b> , 81, 669-676	5.6	58
265	A 10-year follow-up study of sex inclusion in the biological sciences. <i>ELife</i> , <b>2020</b> , 9,	8.9	57
264	Folliculogenesis in the domestic cat ( <i>Felis catus</i> ). <i>Theriogenology</i> , <b>2006</b> , 66, 5-13	2.8	56
263	Differences in Collaboration Patterns across Discipline, Career Stage, and Gender. <i>PLoS Biology</i> , <b>2016</b> , 14, e1002573	9.7	56

262	Fertility Preservation for Pediatric Patients: Current State and Future Possibilities. <i>Journal of Urology</i> , <b>2017</b> , 198, 186-194	2.5	55
261	Activin C antagonizes activin A in vitro and overexpression leads to pathologies in vivo. <i>American Journal of Pathology</i> , <b>2009</b> , 174, 184-95	5.8	55
260	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> , <b>1994</b> , 50, 888-95	3.9	54
259	Determining If Sex Bias Exists in Human Surgical Clinical Research. <i>JAMA Surgery</i> , <b>2016</b> , 151, 1022-1030	5.4	54
258	Creating a Global Community of Practice for Oncofertility. <i>JCO Global Oncology</i> , <b>2016</b> , 2, 83-96	3.7	54
257	Structural and biophysical coupling of heparin and activin binding to follistatin isoform functions. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 15930-9	5.4	53
256	Zinc sparks induce physiochemical changes in the egg zona pellucida that prevent polyspermy. <i>Integrative Biology (United Kingdom)</i> , <b>2017</b> , 9, 135-144	3.7	52
255	Maternally-derived zinc transporters ZIP6 and ZIP10 drive the mammalian oocyte-to-egg transition. <i>Molecular Human Reproduction</i> , <b>2014</b> , 20, 1077-89	4.4	52
254	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> , <b>2013</b> , 8, e58491	3.7	52
253	Future Directions in Oncofertility and Fertility Preservation: A Report from the 2011 Oncofertility Consortium Conference. <i>Journal of Adolescent and Young Adult Oncology</i> , <b>2013</b> , 2, 25-30	2.2	51
252	Activin regulates estrogen receptor gene expression in the mouse ovary. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 36755-65	5.4	51
251	Murine granulosa cell morphology and function are regulated by a synthetic Arg-Gly-Asp matrix. <i>Molecular and Cellular Endocrinology</i> , <b>2003</b> , 205, 1-10	4.4	51
250	Inhibin binding protein (InhBP/p120), betaglycan, and the continuing search for the inhibin receptor. <i>Molecular Endocrinology</i> , <b>2002</b> , 16, 207-12		49
249	New advances in ovarian autotransplantation to restore fertility in cancer patients. <i>Cancer and Metastasis Reviews</i> , <b>2015</b> , 34, 807-822	9.6	48
248	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> , <b>2000</b> , 85, 4520-4525	5.6	48
247	Incorporating fertility preservation into the care of young oncology patients. <i>Cancer</i> , <b>2011</b> , 117, 4-10	6.4	47
246	Using decision trees to enhance interdisciplinary team work: the case of oncofertility. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2010</b> , 27, 227-31	3.4	47
245	Betaglycan localization in the female rat pituitary: implications for the regulation of follicle-stimulating hormone by inhibin. <i>Endocrinology</i> , <b>2003</b> , 144, 5640-9	4.8	47



244	Gonadotropin-induced superovulation drives ovarian surface epithelia proliferation in CD1 mice. <i>Endocrinology</i> , <b>2006</b> , 147, 2338-45	4.8	46
243	The interactions between the stimulatory effect of follicle-stimulating hormone and the inhibitory effect of estrogen on mouse primordial folliculogenesis. <i>Biology of Reproduction</i> , <b>2010</b> , 82, 13-22	3.9	45
242	Gene expression in mouse ovarian follicle development in vivo versus an ex vivo alginate culture system. <i>Reproduction</i> , <b>2011</b> , 142, 309-18	3.8	45
241	The development of a mouse model of ovarian endosalpingiosis. <i>Endocrinology</i> , <b>2005</b> , 146, 5228-36	4.8	45
240	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> , <b>2006</b> , 344, 1308-14	3.4	45
239	A steroid-conjugated contrast agent for magnetic resonance imaging of cell signaling. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 13164-6	16.4	44
238	Identification of an inhibin receptor in gonadal tumors from inhibin alpha-subunit knockout mice. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 398-403	5.4	44
237	Structure of betaglycan zona pellucida (ZP)-C domain provides insights into ZP-mediated protein polymerization and TGF-beta binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 5232-6	11.5	43
236	Modulation of activin signal transduction by inhibin B and inhibin-binding protein (INhBP). <i>Molecular Endocrinology</i> , <b>2001</b> , 15, 668-79		43
235	The fertilization-induced zinc spark is a novel biomarker of mouse embryo quality and early development. <i>Scientific Reports</i> , <b>2016</b> , 6, 22772	4.9	43
234	Cancer survivors and infertility: a review of a new problem and novel answers. <i>The Journal of Supportive Oncology</i> , <b>2006</b> , 4, 171-8		42
233	Size-specific follicle selection improves mouse oocyte reproductive outcomes. <i>Reproduction</i> , <b>2015</b> , 150, 183-92	3.8	41
232	Cell autonomous phosphoinositide 3-kinase activation in oocytes disrupts normal ovarian function through promoting survival and overgrowth of ovarian follicles. <i>Endocrinology</i> , <b>2015</b> , 156, 1464-76	4.8	41
231	Inhibin: actions and signalling. <i>Growth Factors</i> , <b>2004</b> , 22, 13-8	1.6	40
230	Inhibitors of apoptosis protect the ovarian reserve from cyclophosphamide. <i>Journal of Endocrinology</i> , <b>2019</b> , 240, 243-256	4.7	40
229	Presence of Germ Cells in Disorders of Sex Development: Implications for Fertility Potential and Preservation. <i>Journal of Urology</i> , <b>2017</b> , 197, 937-943	2.5	39
228	Embryonic fibroblasts enable the culture of primary ovarian follicles within alginate hydrogels. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 1229-38	3.9	39
227	Inhibin binding protein in rats: alternative transcripts and regulation in the pituitary across the estrous cycle. <i>Molecular Endocrinology</i> , <b>2001</b> , 15, 654-67		39

226	N-linked oligosaccharides direct the differential assembly and secretion of inhibin alpha- and betaA-subunit dimers. <i>Molecular Endocrinology</i> , <b>2007</b> , 21, 1670-84		38
225	Doxorubicin Has Dose-Dependent Toxicity on Mouse Ovarian Follicle Development, Hormone Secretion, and Oocyte Maturation. <i>Toxicological Sciences</i> , <b>2017</b> , 157, 320-329	4-4	37
224	Development of a Pediatric Fertility Preservation Program: A Report From the Pediatric Initiative Network of the Oncofertility Consortium. <i>Journal of Adolescent Health</i> , <b>2019</b> , 64, 563-573	5.8	37
223	Three-dimensional systems for in vitro follicular culture: overview of alginate-based matrices. <i>Reproduction, Fertility and Development</i> , <b>2014</b> , 26, 915-30	1.8	37
222	Zinc maintains prophase I arrest in mouse oocytes through regulation of the MOS-MAPK pathway. <i>Biology of Reproduction</i> , <b>2012</b> , 87, 11, 1-12	3.9	37
221	Follicle-restricted compartmentalization of transforming growth factor beta superfamily ligands in the feline ovary. <i>Biology of Reproduction</i> , <b>2004</b> , 70, 846-59	3.9	37
220	Production and purification of recombinant human inhibin and activin. <i>Journal of Endocrinology</i> , <b>2002</b> , 172, 199-210	4.7	37
219	Engineered reproductive tissues. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 381-393	19	36
218	Noninvasive index of cryorecovery and growth potential for human follicles in vitro. <i>Biology of Reproduction</i> , <b>2010</b> , 82, 1180-9	3.9	36
217	Normal reproductive function in InhBP/p120-deficient mice. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 4882-91	4.8	36
216	Imaging and elemental mapping of biological specimens with a dual-EDS dedicated scanning transmission electron microscope. <i>Ultramicroscopy</i> , <b>2013</b> , 128, 24-31	3.1	35
215	Monoclonal antibody based ELISAs for measurement of activins in biological fluids. <i>Journal of Immunological Methods</i> , <b>1993</b> , 165, 1-10	2.5	35
214	Primate follicular development and oocyte maturation in vitro. <i>Advances in Experimental Medicine and Biology</i> , <b>2013</b> , 761, 43-67	3.6	35
213	Development of a novel human recellularized endometrium that responds to a 28-day hormone treatment. <i>Biology of Reproduction</i> , <b>2017</b> , 96, 971-981	3.9	34
212	In vitro development of secondary follicles from pre-pubertal and adult goats cultured in two-dimensional or three-dimensional systems. <i>Zygote</i> , <b>2015</b> , 23, 475-84	1.6	34
211	Transient inhibition of p53 homologs protects ovarian function from two distinct apoptotic pathways triggered by anticancer therapies. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 502-515	12.7	34
210	Fibrin-mediated delivery of an ovarian follicle pool in a mouse model of infertility. <i>Tissue Engineering - Part A</i> , <b>2014</b> , 20, 3021-30	3.9	34
209	Recombinant human inhibin-A administered early in the menstrual cycle alters concurrent pituitary and follicular, plus subsequent luteal, function in rhesus monkeys. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1996</b> , 81, 4002-4006	5.6	34

208	Oncofertility-An emerging discipline rather than a special consideration. <i>Pediatric Blood and Cancer</i> , <b>2018</b> , 65, e27297	3	33
207	Promoting extracellular matrix remodeling via ascorbic acid enhances the survival of primary ovarian follicles encapsulated in alginate hydrogels. <i>Biotechnology and Bioengineering</i> , <b>2014</b> , 111, 1417-29 <sup>9</sup>	4.9	33
206	Pediatric Oncology Providers' Attitudes and Practice Patterns Regarding Fertility Preservation in Adolescent Male Cancer Patients. <i>Journal of Pediatric Hematology/Oncology</i> , <b>2016</b> , 38, 118-22	1.2	33
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