Ina Dobrinski

List of Publications by Year
in descending order

94	5,786	109321	74163
papers	citations	35 h-index	75 g-index

97	97	97	2374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sperm from neonatal mammalian testes grafted in mice. Nature, 2002, 418, 778-781.	27.8	427
2	Transplantation of male germ line stem cells restores fertility in infertile mice. Nature Medicine, 2000, 6, 29-34.	30.7	317
3	Isolation, Characterization, and Culture of Human Spermatogonia1. Biology of Reproduction, 2010, 82, 363-372.	2.7	279
4	Germ Cell Transplantation in Pigs1. Biology of Reproduction, 2002, 66, 21-28.	2.7	250
5	Progeny from Sperm Obtained after Ectopic Grafting of Neonatal Mouse Testes1. Biology of Reproduction, 2003, 68, 2331-2335.	2.7	237
6	Fertility and Germline Transmission of Donor Haplotype Following Germ Cell Transplantation in Immunocompetent Goats. Biology of Reproduction, 2003, 69, 1260-1264.	2.7	225
7	Transplantation of Germ Cells from Rabbits and Dogs Into Mouse Testes1. Biology of Reproduction, 1999, 61, 1331-1339.	2.7	222
8	Recipient preparation is critical for spermatogonial transplantation in the rat. Tissue and Cell, 1999, 31, 461-472.	2.2	220
9	Autologous grafting of cryopreserved prepubertal rhesus testis produces sperm and offspring. Science, 2019, 363, 1314-1319.	12.6	217
10	Accelerated Maturation of Primate Testis by Xenografting into Mice1. Biology of Reproduction, 2004, 70, 1500-1503.	2.7	215
11	Germ cell transplantation from large domestic animals into mouse testes. Molecular Reproduction and Development, 2000, 57, 270-279.	2.0	208
12	Germ cell transplantation in goats. Molecular Reproduction and Development, 2003, 64, 422-428.	2.0	177
13	Protein gene product 9.5 is a spermatogonia-specific marker in the pig testis: Application to enrichment and culture of porcine spermatogonia. Molecular Reproduction and Development, 2006, 73, 1531-1540.	2.0	174
14	Computer assisted image analysis to assess colonization of recipient seminiferous tubules by spermatogonial stem cells from transgenic donor mice. Molecular Reproduction and Development, 1999, 53, 142-148.	2.0	149
15	Limited survival of adult human testicular tissue as ectopic xenograft. Human Reproduction, 2006, 21, 384-389.	0.9	148
16	Production of donor-derived sperm after spermatogonial stem cell transplantation in the dog. Reproduction, 2008, 136, 823-831.	2.6	117
17	Germ cell development in equine testis tissue xenografted into mice. Reproduction, 2006, 131, 1091-1098.	2.6	101
18	Successful transplantation of bovine testicular cells to heterologous recipients. Reproduction, 2006, 132, 617-624.	2.6	95

#	Article	IF	Citations
19	Building a Testis: Formation of Functional Testis Tissue after Transplantation of Isolated Porcine (Sus) Tj ETQq1 1 0.784314 rgBT /Ove	2.7	95
20	Asymmetric Distribution of UCHâ€L1 in Spermatogonia Is Associated With Maintenance and Differentiation of Spermatogonial Stem Cells. Journal of Cellular Physiology, 2009, 220, 460-468.	4.1	93
21	The Length of the Spermatogenic Cycle Is Conserved in Porcine and Ovine Testis Xenografts. Journal of Andrology, 2006, 27, 527-533.	2.0	90
22	Mammalian germ cells are determined after PGC colonization of the nascent gonad. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25677-25687.	7.1	82
23	Germ cell fate and seminiferous tubule development in bovine testis xenografts. Reproduction, 2005, 130, 923-929.	2.6	79
24	Xenografting of sheep testis tissue and isolated cells as a model for preservation of genetic material from endangered ungulates. Reproduction, 2008, 136, 85-93.	2.6	79
25	Depletion of Endogenous Germ Cells in Male Pigs and Goats in Preparation for Germ Cell Transplantation. Journal of Andrology, 2005, 26, 698-705.	2.0	76
26	Maturation of Testicular Tissue from Infant Monkeys after Xenografting into Mice. Endocrinology, 2008, 149, 5288-5296.	2.8	76
27	Adenoâ€associated virus (AAV)â€mediated transduction of male germ line stem cells results in transgene transmission after germ cell transplantation. FASEB Journal, 2008, 22, 374-382.	0.5	74
28	Formation of organotypic testicular organoids in microwell cultureâ€. Biology of Reproduction, 2019, 100, 1648-1660.	2.7	74
29	Preservation and transplantation of porcine testis tissue. Reproduction, Fertility and Development, 2009, 21, 489.	0.4	70
30	Germ cell transplantation and testis tissue xenografting in domestic animals. Animal Reproduction Science, 2005, 89, 137-145.	1.5	66
31	Recent developments in testis tissue xenografting. Reproduction, 2009, 138, 187-194.	2.6	62
32	Viral Transduction of Male Germline Stem Cells Results in Transgene Transmission after Germ Cell Transplantation in Pigs1. Biology of Reproduction, 2013, 88, 27.	2.7	60
33	Recipient Preparation and Mixed Germ Cell Isolation for Spermatogonial Stem Cell Transplantation in Domestic Cats. Journal of Andrology, 2006, 27, 248-256.	2.0	52
34	Xenografting of testicular tissue pieces: 12 years of an in vivo spermatogenesis system. Reproduction, 2014, 148, R71-R84.	2.6	50
35	Effect of the GnRH-agonist leuprolide on colonization of recipient testes by donor spermatogonial stem cells after transplantation in mice. Tissue and Cell, 2001, 33, 200-207.	2.2	49
36	Establishment of goat embryonic stem cells from in vivo produced blastocystâ€stage embryos. Molecular Reproduction and Development, 2011, 78, 202-211.	2.0	37

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37	Lymphoid-Specific Helicase (HELLS) Is Essential for Meiotic Progression in Mouse Spermatocytes1. Biology of Reproduction, 2011, 84, 1235-1241.	2.7	36
38	Postnatal somatic cell proliferation and seminiferous tubule maturation in pigs: A non-random event. Theriogenology, 2010, 74, 11-23.	2.1	35
39	Beyond the Mouse Monopoly: Studying the Male Germ Line in Domestic Animal Models. ILAR Journal, 2015, 56, 83-98.	1.8	34
40	Germ cell transplantation for the propagation of companion animals, non-domestic and endangered species. Reproduction, Fertility and Development, 2007, 19, 732.	0.4	33
41	From in vitro culture to in vivo models to study testis development and spermatogenesis. Cell and Tissue Research, 2012, 349, 691-702.	2.9	32
42	Transcriptional Profiling of the Adult Hair Follicle Mesenchyme Reveals R-spondin as a Novel Regulator of Dermal Progenitor Function. IScience, 2020, 23, 101019.	4.1	31
43	Phthalate esters affect maturation and function of primate testis tissue ectopically grafted in mice. Molecular and Cellular Endocrinology, 2014, 398, 89-100.	3.2	30
44	Three-dimensional testicular organoids as novel in vitro models of testicular biology and toxicology. Environmental Epigenetics, 2019, 5, dvz011.	1.8	28
45	Nonâ€viral transfection of goat germline stem cells by nucleofection results in production of transgenic sperm after germ cell transplantation. Molecular Reproduction and Development, 2012, 79, 255-261.	2.0	25
46	Comparison of global gene expression between porcine testis tissue xenografts and porcine testis in situ. Molecular Reproduction and Development, 2007, 74, 674-679.	2.0	24
47	De novo morphogenesis of testis tissue: an improved bioassay to investigate the role of VEGF165 during testis formation. Reproduction, 2014, 148, 109-117.	2.6	24
48	Germ Cell Transplantation. Seminars in Reproductive Medicine, 2005, 23, 257-265.	1.1	21
49	Male Germ Cell Transplantation. Reproduction in Domestic Animals, 2008, 43, 288-294.	1.4	20
50	Germ cell survival and differentiation after xenotransplantation of testis tissue from three endangered species: Iberian lynx (Lynx pardinus), Cuvier's gazelle (Gazella cuvieri) and Mohor gazelle (G. dama mhorr). Reproduction, Fertility and Development, 2014, 26, 817.	0.4	19
51	Unique metabolic phenotype and its transition during maturation of juvenile male germ cells. FASEB Journal, 2021, 35, e21513.	0.5	19
52	E-cadherin as a novel surface marker of spermatogonial stem cells. Cell and Tissue Biology, 2009, 3, 103-109.	0.4	18
53	Expression pattern of acetylated Î±â€tubulin in porcine spermatogonia. Molecular Reproduction and Development, 2010, 77, 348-352.	2.0	18
54	Testicular organoids to study cellâ€“cell interactions in the mammalian testis. Andrology, 2020, 8, 835-841.	3.5	18

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55	TALENâ€mediated gene targeting in porcine spermatogonia. Molecular Reproduction and Development, 2018, 85, 250-261.	2.0	17
56	Generation of Porcine Testicular Organoids with Testis Specific Architecture using Microwell Culture. Journal of Visualized Experiments, 2019, , .	0.3	17
57	Primary cilia in the developing pig testis. Cell and Tissue Research, 2014, 358, 597-605.	2.9	15
58	Generation of an equine oviductal epithelial cell line for the study of sperm-oviduct interactions. Theriogenology, 1999, 52, 875-885.	2.1	14
59	Primary cilia on porcine testicular somatic cells and their role in hedgehog signaling and tubular morphogenesis in vitro. Cell and Tissue Research, 2017, 368, 215-223.	2.9	14
60	Development of Bovine Fetal Testis Tissue After Ectopic Xenografting in Mice. Journal of Andrology, 2011, 32, 271-281.	2.0	13
61	Stirred Suspension Bioreactor Culture of Porcine Induced Pluripotent Stem Cells. Stem Cells and Development, 2019, 28, 1264-1275.	2.1	13
62	Stirred suspension bioreactors as a novel method to enrich germ cells from pre-pubertal pig testis. Andrology, 2015, 3, 590-597.	3.5	12
63	A reduction of primary cilia but not hedgehog signaling disrupts morphogenesis in testicular organoids. Cell and Tissue Research, 2020, 380, 191-200.	2.9	12
64	Development and function of smooth muscle cells is modulated by Hic1 in mouse testis. Development (Cambridge), 2020, 147, .	2.5	12
65	Loss of Ubiquitin Carboxy-Terminal Hydrolase L1 Impairs Long-Term Differentiation Competence and Metabolic Regulation in Murine Spermatogonial Stem Cells. Cells, 2021, 10, 2265.	4.1	12
66	Metabolic Requirements for Spermatogonial Stem Cell Establishment and Maintenance In Vivo and In Vitro. International Journal of Molecular Sciences, 2021, 22, 1998.	4.1	11
67	Characterization of the porcine testis-expressed gene 11 (Tex11). Spermatogenesis, 2011, 1, 147-151.	0.8	10
68	Germline modification of domestic animals. Animal Reproduction, 2015, 12, 93-104.	1.0	10
69	Endocrine modulation of the recipient environment affects development of bovine testis tissue ectopically grafted in mice. Reproduction, 2012, 144, 37-51.	2.6	9
70	Exposure to phthalate esters induces an autophagic response in male germ cells. Environmental Epigenetics, 2017, 3, dvx010.	1.8	9
71	Ectopic Grafting of Mammalian Testis Tissue into Mouse Hosts. Methods in Molecular Biology, 2008, 450, 139-148.	0.9	9
72	Advances and applications of germ cell transplantation. Human Fertility, 2006, 9, 9-14.	1.7	8

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73	Suppression of spermatogenesis before grafting increases survival and supports resurgence of spermatogenesis in adult mouse testis. Fertility and Sterility, 2012, 97, 1422-1429.	1.0	7
74	A Role for Exchange of Extracellular Vesicles in Porcine Spermatogonial Co-Culture. International Journal of Molecular Sciences, 2022, 23, 4535.	4.1	7
75	Regulation of Cell Types Within Testicular Organoids. Endocrinology, 2021, 162, .	2.8	5
76	Use of Stirred Suspension Bioreactors for Male Germ Cell Enrichment. Methods in Molecular Biology, 2016, 1502, 111-118.	0.9	4
77	Application of Spermatogonial Transplantation in Agricultural Animals. , 2017, , 343-377.		4
78	Targeted Gene Editing in Porcine Spermatogonia. Frontiers in Genetics, 2020, 11, 627673.	2.3	4
79	Germ cell transplantation in pigs–advances and applications. Society of Reproduction and Fertility Supplement, 2006, 62, 331-9.	0.2	4
80	Organotypic Rat Testicular Organoids for the Study of Testicular Maturation and Toxicology. Frontiers in Endocrinology, 0, 13, .	3.5	4
81	Xenografting of isolated equine (Equus caballus) testis cells results in de novo morphogenesis of seminiferous tubules but not spermatogenesis. Andrology, 2017, 5, 336-346.	3.5	3
82	Germ Cell Transplantation and Neospermatogenesis. , 2018, , 361-375.		3
83	PNKP is required for maintaining the integrity of progenitor cell populations in adult mice. Life Science Alliance, 2021, 4, e202000790.	2.8	3
84	Computer assisted image analysis to assess colonization of recipient seminiferous tubules by spermatogonial stem cells from transgenic donor mice. Molecular Reproduction and Development, 1999, 53, 142-148.	2.0	3
85	Transplantation of Germ Line Stem Cells for the Study and Manipulation of Spermatogenesis. , 2006, , 175-193.		3
86	The Proliferation of Pre-Pubertal Porcine Spermatogonia in Stirred Suspension Bioreactors Is Partially Mediated by the Wnt/Î²-Catenin Pathway. International Journal of Molecular Sciences, 2021, 22, 13549.	4.1	3
87	Testicular Tissue Transplantation for Fertility Preservation. , 2012, , 331-343.		2
88	Goat Embryonic Stem-Like Cell Derivation and Characterization. Methods in Molecular Biology, 2013, 1074, 51-67.	0.9	2
89	Germ cell transplantation in goats. , 2003, 64, 422.		1
90	Identification of spermatogonia by labeling for UCHâ€Ł1 in whole mounted caprine seminiferous tubules. Molecular Reproduction and Development, 2012, 79, 161-161.	2.0	0

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91	Regulation of Spermatogonial Stem Cell Function. , 2018, , 100-104.		0
92	TRANSPLANTATION OF GERM CELLS AND TESTIS TISSUE. , 2007, , 235-254.		0
93	Testicular Tissue Transplantation for Fertility Preservation. , 2013, , 141-157.		0
94	Transplantation of germ cells and testis tissue for the study and preservation of fertility. Society of Reproduction and Fertility Supplement, 2007, 65, 447-58.	0.2	0