

Ina Dobrinski

List of Publications by Year in descending order

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94
papers

5,786
citations

109137

35
h-index

74018

75
g-index

97
all docs

97
docs citations

97
times ranked

2374
citing authors

#	ARTICLE	IF	CITATIONS
1	A Role for Exchange of Extracellular Vesicles in Porcine Spermatogonial Co-Culture. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4535.	1.8	7
2	Regulation of Cell Types Within Testicular Organoids. <i>Endocrinology</i> , 2021, 162, .	1.4	5
3	Metabolic Requirements for Spermatogonial Stem Cell Establishment and Maintenance In Vivo and In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1998.	1.8	11
4	Unique metabolic phenotype and its transition during maturation of juvenile male germ cells. <i>FASEB Journal</i> , 2021, 35, e21513.	0.2	19
5	PNKP is required for maintaining the integrity of progenitor cell populations in adult mice. <i>Life Science Alliance</i> , 2021, 4, e202000790.	1.3	3
6	Loss of Ubiquitin Carboxy-Terminal Hydrolase L1 Impairs Long-Term Differentiation Competence and Metabolic Regulation in Murine Spermatogonial Stem Cells. <i>Cells</i> , 2021, 10, 2265.	1.8	12
7	The Proliferation of Pre-Pubertal Porcine Spermatogonia in Stirred Suspension Bioreactors Is Partially Mediated by the Wnt/ β^2 -Catenin Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13549.	1.8	3
8	Testicular organoids to study cell-cell interactions in the mammalian testis. <i>Andrology</i> , 2020, 8, 835-841.	1.9	18
9	A reduction of primary cilia but not hedgehog signaling disrupts morphogenesis in testicular organoids. <i>Cell and Tissue Research</i> , 2020, 380, 191-200.	1.5	12
10	Development and function of smooth muscle cells is modulated by Hic1 in mouse testis. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	12
11	Transcriptional Profiling of the Adult Hair Follicle Mesenchyme Reveals R-spondin as a Novel Regulator of Dermal Progenitor Function. <i>IScience</i> , 2020, 23, 101019.	1.9	31
12	Targeted Gene Editing in Porcine Spermatogonia. <i>Frontiers in Genetics</i> , 2020, 11, 627673.	1.1	4
13	Stirred Suspension Bioreactor Culture of Porcine Induced Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2019, 28, 1264-1275.	1.1	13
14	Three-dimensional testicular organoids as novel in vitro models of testicular biology and toxicology. <i>Environmental Epigenetics</i> , 2019, 5, dvz011.	0.9	28
15	Generation of Porcine Testicular Organoids with Testis Specific Architecture using Microwell Culture. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	17
16	Autologous grafting of cryopreserved prepubertal rhesus testis produces sperm and offspring. <i>Science</i> , 2019, 363, 1314-1319.	6.0	217
17	Formation of organotypic testicular organoids in microwell culture. <i>Biology of Reproduction</i> , 2019, 100, 1648-1660.	1.2	74
18	Mammalian germ cells are determined after PGC colonization of the nascent gonad. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25677-25687.	3.3	82

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19	TALEN-mediated gene targeting in porcine spermatogonia. <i>Molecular Reproduction and Development</i> , 2018, 85, 250-261.	1.0	17
20	Germ Cell Transplantation and Neospermatogenesis. , 2018, , 361-375.		3
21	Regulation of Spermatogonial Stem Cell Function. , 2018, , 100-104.		0
22	Xenografting of isolated equine (<i>Equus caballus</i>) testis cells results in <i>de novo</i> morphogenesis of seminiferous tubules but not spermatogenesis. <i>Andrology</i> , 2017, 5, 336-346.	1.9	3
23	Application of Spermatogonial Transplantation in Agricultural Animals. , 2017, , 343-377.		4
24	Primary cilia on porcine testicular somatic cells and their role in hedgehog signaling and tubular morphogenesis in vitro. <i>Cell and Tissue Research</i> , 2017, 368, 215-223.	1.5	14
25	Exposure to phthalate esters induces an autophagic response in male germ cells. <i>Environmental Epigenetics</i> , 2017, 3, dx010.	0.9	9
26	Use of Stirred Suspension Bioreactors for Male Germ Cell Enrichment. <i>Methods in Molecular Biology</i> , 2016, 1502, 111-118.	0.4	4
27	Stirred suspension bioreactors as a novel method to enrich germ cells from pre-pubertal pig testis. <i>Andrology</i> , 2015, 3, 590-597.	1.9	12
28	Beyond the Mouse Monopoly: Studying the Male Germ Line in Domestic Animal Models. <i>ILAR Journal</i> , 2015, 56, 83-98.	1.8	34
29	Germline modification of domestic animals. <i>Animal Reproduction</i> , 2015, 12, 93-104.	0.4	10
30	Phthalate esters affect maturation and function of primate testis tissue ectopically grafted in mice. <i>Molecular and Cellular Endocrinology</i> , 2014, 398, 89-100.	1.6	30
31	Xenografting of testicular tissue pieces: 12 years of an in vivo spermatogenesis system. <i>Reproduction</i> , 2014, 148, R71-R84.	1.1	50
32	Primary cilia in the developing pig testis. <i>Cell and Tissue Research</i> , 2014, 358, 597-605.	1.5	15
33	Germ cell survival and differentiation after xenotransplantation of testis tissue from three endangered species: Iberian lynx (<i>Lynx pardinus</i>), Cuvier's gazelle (<i>Gazella cuvieri</i>) and Mohor gazelle (<i>G. dama mhorri</i>). <i>Reproduction, Fertility and Development</i> , 2014, 26, 817.	0.1	19
34	De novo morphogenesis of testis tissue: an improved bioassay to investigate the role of VEGF165 during testis formation. <i>Reproduction</i> , 2014, 148, 109-117.	1.1	24
35	Viral Transduction of Male Germline Stem Cells Results in Transgene Transmission after Germ Cell Transplantation in Pigs1. <i>Biology of Reproduction</i> , 2013, 88, 27.	1.2	60
36	Goat Embryonic Stem-Like Cell Derivation and Characterization. <i>Methods in Molecular Biology</i> , 2013, 1074, 51-67.	0.4	2

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37	Testicular Tissue Transplantation for Fertility Preservation. , 2013, , 141-157.		0
38	Endocrine modulation of the recipient environment affects development of bovine testis tissue ectopically grafted in mice. <i>Reproduction</i> , 2012, 144, 37-51.	1.1	9
39	From in vitro culture to in vivo models to study testis development and spermatogenesis. <i>Cell and Tissue Research</i> , 2012, 349, 691-702.	1.5	32
40	Suppression of spermatogenesis before grafting increases survival and supports resurgence of spermatogenesis in adult mouse testis. <i>Fertility and Sterility</i> , 2012, 97, 1422-1429.	0.5	7
41	Identification of spermatogonia by labeling for UCHL1 in whole mounted caprine seminiferous tubules. <i>Molecular Reproduction and Development</i> , 2012, 79, 161-161.	1.0	0
42	Non-viral transfection of goat germline stem cells by nucleofection results in production of transgenic sperm after germ cell transplantation. <i>Molecular Reproduction and Development</i> , 2012, 79, 255-261.	1.0	25
43	Testicular Tissue Transplantation for Fertility Preservation. , 2012, , 331-343.		2
44	Development of Bovine Fetal Testis Tissue After Ectopic Xenografting in Mice. <i>Journal of Andrology</i> , 2011, 32, 271-281.	2.0	13
45	Establishment of goat embryonic stem cells from in vivo produced blastocyst-stage embryos. <i>Molecular Reproduction and Development</i> , 2011, 78, 202-211.	1.0	37
46	Characterization of the porcine testis-expressed gene 11 (Tex11). <i>Spermatogenesis</i> , 2011, 1, 147-151.	0.8	10
47	Lymphoid-Specific Helicase (HELLS) Is Essential for Meiotic Progression in Mouse Spermatocytes1. <i>Biology of Reproduction</i> , 2011, 84, 1235-1241.	1.2	36
48	Expression pattern of acetylated α -tubulin in porcine spermatogonia. <i>Molecular Reproduction and Development</i> , 2010, 77, 348-352.	1.0	18
49	Isolation, Characterization, and Culture of Human Spermatogonia1. <i>Biology of Reproduction</i> , 2010, 82, 363-372.	1.2	279
50	Postnatal somatic cell proliferation and seminiferous tubule maturation in pigs: A non-random event. <i>Theriogenology</i> , 2010, 74, 11-23.	0.9	35
51	Recent developments in testis tissue xenografting. <i>Reproduction</i> , 2009, 138, 187-194.	1.1	62
52	Asymmetric Distribution of UCHL1 in Spermatogonia Is Associated With Maintenance and Differentiation of Spermatogonial Stem Cells. <i>Journal of Cellular Physiology</i> , 2009, 220, 460-468.	2.0	93
53	E-cadherin as a novel surface marker of spermatogonial stem cells. <i>Cell and Tissue Biology</i> , 2009, 3, 103-109.	0.2	18
54	Preservation and transplantation of porcine testis tissue. <i>Reproduction, Fertility and Development</i> , 2009, 21, 489.	0.1	70

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55	Male Germ Cell Transplantation. <i>Reproduction in Domestic Animals</i> , 2008, 43, 288-294.	0.6	20
56	Maturation of Testicular Tissue from Infant Monkeys after Xenografting into Mice. <i>Endocrinology</i> , 2008, 149, 5288-5296.	1.4	76
57	Adeno-associated virus (AAV)-mediated transduction of male germ line stem cells results in transgene transmission after germ cell transplantation. <i>FASEB Journal</i> , 2008, 22, 374-382.	0.2	74
58	Xenografting of sheep testis tissue and isolated cells as a model for preservation of genetic material from endangered ungulates. <i>Reproduction</i> , 2008, 136, 85-93.	1.1	79
59	Production of donor-derived sperm after spermatogonial stem cell transplantation in the dog. <i>Reproduction</i> , 2008, 136, 823-831.	1.1	117
60	Ectopic Grafting of Mammalian Testis Tissue into Mouse Hosts. <i>Methods in Molecular Biology</i> , 2008, 450, 139-148.	0.4	9
61	Building a Testis: Formation of Functional Testis Tissue after Transplantation of Isolated Porcine (Sus) Tj ETQq1 1 0.784314 rgBT /Overl	1.2	95
62	Germ cell transplantation for the propagation of companion animals, non-domestic and endangered species. <i>Reproduction, Fertility and Development</i> , 2007, 19, 732.	0.1	33
63	Comparison of global gene expression between porcine testis tissue xenografts and porcine testis in situ. <i>Molecular Reproduction and Development</i> , 2007, 74, 674-679.	1.0	24
64	TRANSPLANTATION OF GERM CELLS AND TESTIS TISSUE. , 2007, , 235-254.		0
65	Transplantation of germ cells and testis tissue for the study and preservation of fertility. <i>Society of Reproduction and Fertility Supplement</i> , 2007, 65, 447-58.	0.2	0
66	Limited survival of adult human testicular tissue as ectopic xenograft. <i>Human Reproduction</i> , 2006, 21, 384-389.	0.4	148
67	Advances and applications of germ cell transplantation. <i>Human Fertility</i> , 2006, 9, 9-14.	0.7	8
68	Recipient Preparation and Mixed Germ Cell Isolation for Spermatogonial Stem Cell Transplantation in Domestic Cats. <i>Journal of Andrology</i> , 2006, 27, 248-256.	2.0	52
69	The Length of the Spermatogenic Cycle Is Conserved in Porcine and Ovine Testis Xenografts. <i>Journal of Andrology</i> , 2006, 27, 527-533.	2.0	90
70	Protein gene product 9.5 is a spermatogonia-specific marker in the pig testis: Application to enrichment and culture of porcine spermatogonia. <i>Molecular Reproduction and Development</i> , 2006, 73, 1531-1540.	1.0	174
71	Germ cell development in equine testis tissue xenografted into mice. <i>Reproduction</i> , 2006, 131, 1091-1098.	1.1	101
72	Successful transplantation of bovine testicular cells to heterologous recipients. <i>Reproduction</i> , 2006, 132, 617-624.	1.1	95

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73	Transplantation of Germ Line Stem Cells for the Study and Manipulation of Spermatogenesis. , 2006, , 175-193.		3
74	Germ cell transplantation in pigs--advances and applications. Society of Reproduction and Fertility Supplement, 2006, 62, 331-9.	0.2	4
75	Germ Cell Transplantation. Seminars in Reproductive Medicine, 2005, 23, 257-265.	0.5	21
76	Germ cell fate and seminiferous tubule development in bovine testis xenografts. Reproduction, 2005, 130, 923-929.	1.1	79
77	Germ cell transplantation and testis tissue xenografting in domestic animals. Animal Reproduction Science, 2005, 89, 137-145.	0.5	66
78	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
79	Accelerated Maturation of Primate Testis by Xenografting into Mice ¹ . Biology of Reproduction, 2004, 70, 1500-1503.	1.2	215
80	Germ cell transplantation in goats. Molecular Reproduction and Development, 2003, 64, 422-428.	1.0	177
81	Fertility and Germline Transmission of Donor Haplotype Following Germ Cell Transplantation in Immunocompetent Goats. Biology of Reproduction, 2003, 69, 1260-1264.	1.2	225
82	Progeny from Sperm Obtained after Ectopic Grafting of Neonatal Mouse Testes ¹ . Biology of Reproduction, 2003, 68, 2331-2335.	1.2	237
83	Germ cell transplantation in goats. , 2003, 64, 422.		1
84	Germ Cell Transplantation in Pigs ¹ . Biology of Reproduction, 2002, 66, 21-28.	1.2	250
85	Sperm from neonatal mammalian testes grafted in mice. Nature, 2002, 418, 778-781.	13.7	427
86	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.	1.0	49
87	Transplantation of male germ line stem cells restores fertility in infertile mice. Nature Medicine, 2000, 6, 29-34.	15.2	317
88	Germ cell transplantation from large domestic animals into mouse testes. Molecular Reproduction and Development, 2000, 57, 270-279.	1.0	208
89	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.	1.0	149
90	Transplantation of Germ Cells from Rabbits and Dogs Into Mouse Testes ¹ . Biology of Reproduction, 1999, 61, 1331-1339.	1.2	222

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91	Recipient preparation is critical for spermatogonial transplantation in the rat. <i>Tissue and Cell</i> , 1999, 31, 461-472.	1.0	220
92	Generation of an equine oviductal epithelial cell line for the study of sperm-oviduct interactions. <i>Theriogenology</i> , 1999, 52, 875-885.	0.9	14
93	Computer assisted image analysis to assess colonization of recipient seminiferous tubules by spermatogonial stem cells from transgenic donor mice. , 1999, 53, 142.		3
94	Organotypic Rat Testicular Organoids for the Study of Testicular Maturation and Toxicology. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	4