Dirk G De Rooij

List of Publications by Year
in descending order

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210	19,965	8755	12272
papers	citations	75 h-index	133 g-index

225	225	225	12586
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computerized spermatogenesis staging (CSS) of mouse testis sections via quantitative histomorphological analysis. Medical Image Analysis, 2021, 70, 101835.	11.6	22
2	Dynamic and regulated TAF gene expression during mouse embryonic germ cell development. PLoS Genetics, 2020, 16, e1008515.	3.5	22
3	GCNA Interacts with Spartan and Topoisomerase II to Regulate Genome Stability. Developmental Cell, 2020, 52, 53-68.e6.	7.0	41
4	Sox8 and Sox9 act redundantly for ovarian-to-testicular fate reprogramming in the absence of R-spondin1 in mouse sex reversals. ELife, 2020, 9, .	6.0	13
5	DAZL mediates a broad translational program regulating expansion and differentiation of spermatogonial progenitors. ELife, 2020, 9, .	6.0	28
6	A missense in HSF2BP causing primary ovarian insufficiency affects meiotic recombination by its novel interactor C19ORF57/BRME1. ELife, 2020, 9, .	6.0	29
7	The PSMA8 subunit of the spermatoproteasome is essential for proper meiotic exit and mouse fertility. PLoS Genetics, 2019, 15, e1008316.	3.5	37
8	A Neofunctionalized X-Linked Ampliconic Gene Family Is Essential for Male Fertility and Equal Sex Ratio in Mice. Current Biology, 2019, 29, 3699-3706.e5.	3.9	54
9	The Neonatal and Adult Human Testis Defined at the Single-Cell Level. Cell Reports, 2019, 26, 1501-1517.e4.	6.4	224
10	An ancient germ cell-specific RNA-binding protein protects the germline from cryptic splice site poisoning. ELife, 2019, 8, .	6.0	22
11	Retinoic Acid and Germ Cell Development in the Ovary and Testis. Biomolecules, 2019, 9, 775.	4.0	68
12	Amplification of a broad transcriptional program by a common factor triggers the meiotic cell cycle in mice. ELife, 2019, 8, .	6.0	78
13	Mutations causing specific arrests in the development of mouse primordial germ cells and gonocytes. Biology of Reproduction, 2018, 99, 75-86.	2.7	21
14	SETDB1 Links the Meiotic DNA Damage Response to Sex Chromosome Silencing in Mice. Developmental Cell, 2018, 47, 645-659.e6.	7.0	68
15	ATR is a multifunctional regulator of male mouse meiosis. Nature Communications, 2018, 9, 2621.	12.8	66
16	NRG1 signalling regulates the establishment of Sertoli cell stock in the mouse testis. Molecular and Cellular Endocrinology, 2018, 478, 17-31.	3.2	4
17	Isolating mitotic and meiotic germ cells from male mice by developmental synchronization, staging, and sorting. Developmental Biology, 2018, 443, 19-34.	2.0	29
18	Spermatogonial kinetics in humans. Development (Cambridge), 2017, 144, 3430-3439.	2.5	68

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19	The nature and dynamics of spermatogonial stem cells. Development (Cambridge), 2017, 144, 3022-3030.	2.5	228
20	Unraveling transcriptome dynamics in human spermatogenesis. Development (Cambridge), 2017, 144, 3659-3673.	2.5	117
21	Periodic production of retinoic acid by meiotic and somatic cells coordinates four transitions in mouse spermatogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10132-E10141.	7.1	96
22	DNA damage response protein TOPBP1 regulates X chromosome silencing in the mammalian germ line. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12536-12541.	7.1	43
23	The conserved RNA helicase YTHDC2 regulates the transition from proliferation to differentiation in the germline. ELife, 2017, 6, .	6.0	167
24	Meioc maintains an extended meiotic prophase I in mice. PLoS Genetics, 2017, 13, e1006704.	3.5	103
25	Organization of the Seminiferous Epithelium and the Cycle, and Morphometric Description of Spermatogonial Subtypes (Rodents and Primates). , 2017, , 3-20.		4
26	Mouse Y-Encoded Transcription Factor Zfy2 Is Essential for Sperm Head Remodelling and Sperm Tail Development. PLoS ONE, 2016, 11, e0145398.	2.5	17
27	piRNA-associated proteins and retrotransposons are differentially expressed in murine testis and ovary of aryl hydrocarbon receptor deficient mice. Open Biology, 2016, 6, 160186.	3.6	16
28	The Antagonistic Gene Paralogs Upf3a and Upf3b Govern Nonsense-Mediated RNA Decay. Cell, 2016, 165, 382-395.	28.9	132
29	The Homeobox Transcription Factor RHOX10 Drives Mouse Spermatogonial Stem Cell Establishment. Cell Reports, 2016, 17, 149-164.	6.4	50
30	H2B ubiquitination regulates meiotic recombination by promoting chromatin relaxation. Nucleic Acids Research, 2016, 44, gkw652.	14.5	59
31	Zfygenes are required for efficient meiotic sex chromosome inactivation (MSCI) in spermatocytes. Human Molecular Genetics, 2016, 25, ddw344.	2.9	21
32	C14ORF39/SIX6OS1 is a constituent of the synaptonemal complex and is essential for mouse fertility. Nature Communications, 2016, 7, 13298.	12.8	80
33	A surge of late-occurring meiotic double-strand breaks rescues synapsis abnormalities in spermatocytes of mice with hypomorphic expression of SPO11. Chromosoma, 2016, 125, 189-203.	2.2	22
34	DNA Double Strand Break Response and Limited Repair Capacity in Mouse Elongated Spermatids. International Journal of Molecular Sciences, 2015, 16, 29923-29935.	4.1	31
35	The Dnmt3L ADD Domain Controls Cytosine Methylation Establishment during Spermatogenesis. Cell Reports, 2015, 10, 944-956.	6.4	39
36	TAF4b is Required for Mouse Spermatogonial Stem Cell Development. Stem Cells, 2015, 33, 1267-1276.	3.2	38

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37	Polycomb Protein SCML2 Associates with USP7 and Counteracts Histone H2A Ubiquitination in the XY Chromatin during Male Meiosis. PLoS Genetics, 2015, 11, e1004954.	3.5	58
38	Periodic retinoic acidâ€“STRA8 signaling intersects with periodic germ-cell competencies to regulate spermatogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2347-56.	7.1	177
39	The spermatogonial stem cell niche in mammals. , 2015, , 99-121.		7
40	shRNA Off-Target Effects In Vivo: Impaired Endogenous siRNA Expression and Spermatogenic Defects. PLoS ONE, 2015, 10, e0118549.	2.5	11
41	LIN28A Marks the Spermatogonial Progenitor Population and Regulates Its Cyclic Expansion. Stem Cells, 2014, 32, 860-873.	3.2	74
42	The RHOX homeobox gene cluster is selectively expressed in human oocytes and male germ cells. Human Reproduction, 2013, 28, 1635-1646.	0.9	31
43	Novel Stage Classification of Human Spermatogenesis Based on Acrosome Development1. Biology of Reproduction, 2013, 89, 60.	2.7	94
44	Computer Simulation of the Rodent Spermatogonial Stem Cell Niche1. Biology of Reproduction, 2013, 88, 131.	2.7	24
45	Tumor suppressor gene Rb is required for self-renewal of spermatogonial stem cells in mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12685-12690.	7.1	66
46	ATR acts stage specifically to regulate multiple aspects of mammalian meiotic silencing. Genes and Development, 2013, 27, 1484-1494.	5.9	127
47	Testicular Differentiation Occurs in Absence of R-spondin1 and Sox9 in Mouse Sex Reversals. PLoS Genetics, 2012, 8, e1003170.	3.5	71
48	Spermatid development in XO male mice with varying Y chromosome short-arm gene content: evidence for a Y gene controlling the initiation of sperm morphogenesis. Reproduction, 2012, 144, 433-445.	2.6	24
49	Distribution of GFRA1-expressing spermatogonia in adult mouse testis. Reproduction, 2012, 143, 325-332.	2.6	90
50	Meiotic cohesin complexes are essential for the formation of the axial element in mice. Journal of Cell Biology, 2012, 197, 877-885.	5.2	100
51	Targeted inactivation of nuclear interaction partner of ALK disrupts meiotic prophase. Development (Cambridge), 2012, 139, 2523-2534.	2.5	20
52	Questions About Spermatogonia Posed and Answered Since 2000. Journal of Andrology, 2012, 33, 1085-1095.	2.0	87
53	WNT4 and RSPO1 together are required for cell proliferation in the early mouse gonad. Development (Cambridge), 2012, 139, 4461-4472.	2.5	88
54	Molecular control of rodent spermatogenesis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1838-1850.	3.8	166

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55	The effects of different endocrine disruptors defining compound-specific alterations of gene expression profiles in the developing testis. Reproductive Toxicology, 2012, 33, 106-115.	2.9	39
56	UBR2 of the N-End Rule Pathway Is Required for Chromosome Stability via Histone Ubiquitylation in Spermatocytes and Somatic Cells. PLoS ONE, 2012, 7, e37414.	2.5	32
57	Functional relationship between obesity and male reproduction: from humans to animal models. Human Reproduction Update, 2011, 17, 667-683.	10.8	149
58	RSPO1/Î²-Catenin Signaling Pathway Regulates Oogonia Differentiation and Entry into Meiosis in the Mouse Fetal Ovary. PLoS ONE, 2011, 6, e25641.	2.5	110
59	The RNA-binding protein ELAVL1/HuR is essential for mouse spermatogenesis, acting both at meiotic and postmeiotic stages. Molecular Biology of the Cell, 2011, 22, 2875-2885.	2.1	59
60	Lymphoid-Specific Helicase (HELLS) Is Essential for Meiotic Progression in Mouse Spermatocytes1. Biology of Reproduction, 2011, 84, 1235-1241.	2.7	36
61	The cohesin subunit RAD21L functions in meiotic synapsis and exhibits sexual dimorphism in fertility. EMBO Journal, 2011, 30, 3091-3105.	7.8	138
62	Morphometric Description of Spermatogonial Stem Cells and Expansion of Their Clonal Derivatives. , 2011, , 89-105.		2
63	WITHDRAWN; Impaired spermatogenesis in mice overexpressing stem cell protein Piwil2 (Mili). Molecular Reproduction and Development, 2010, 77, .	2.0	1
64	Parp1â€“XRCC1 and the repair of DNA double strand breaks in mouse round spermatids. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 683, 84-90.	1.0	55
65	Genetic probing of homologous recombination and non-homologous end joining during meiotic prophase in irradiated mouse spermatocytes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 688, 12-18.	1.0	33
66	Evidence that Meiotic Sex Chromosome Inactivation Is Essential for Male Fertility. Current Biology, 2010, 20, 2117-2123.	3.9	220
67	DNA polymerase Î² is critical for mouse meiotic synapsis. EMBO Journal, 2010, 29, 410-423.	7.8	50
68	BMP4-Induced Differentiation of a Rat Spermatogonial Stem Cell Line Causes Changes in Its Cell Adhesion Properties1. Biology of Reproduction, 2010, 83, 742-749.	2.7	56
69	Embryonic stem cell-like cells derived from adult human testis. Human Reproduction, 2010, 25, 158-167.	0.9	131
70	Mouse TRIP13/PCH2 Is Required for Recombination and Normal Higher-Order Chromosome Structure during Meiosis. PLoS Genetics, 2010, 6, e1001062.	3.5	170
71	The Histone Deacetylase SIRT1 Controls Male Fertility in Mice Through Regulation of Hypothalamic-Pituitary Gonadotropin Signaling1. Biology of Reproduction, 2009, 80, 384-391.	2.7	86
72	Proliferative Activity In Vitro and DNA Repair Indicate that Adult Mouse and Human Sertoli Cells Are Not Terminally Differentiated, Quiescent Cells1. Biology of Reproduction, 2009, 80, 1084-1091.	2.7	92

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73	RathdMutation Reveals an Essential Role of Centrobin in Spermatid Head Shaping and Assembly of the Head-Tail Coupling Apparatus1. Biology of Reproduction, 2009, 81, 1196-1205.	2.7	61
74	Propagation of Human Spermatogonial Stem Cells In Vitro. JAMA - Journal of the American Medical Association, 2009, 302, 2127.	7.4	334
75	Repeated interruptions of the testicular blood flow do not have long-term effects on spermatogenesis in the ram. Andrologia, 2009, 25, 245-249.	2.1	1
76	Protection of spermatogenesis against cytotoxic effects of two chemotherapeutic drugs by temporary testicular blood flow interruption in the ram. Andrologia, 2009, 25, 251-256.	2.1	4
77	The spermatogonial stem cell niche. Microscopy Research and Technique, 2009, 72, 580-585.	2.2	165
78	Spermatogonial Stem Cells. , 2009, , 149-162.		0
79	Staging of Mouse Seminiferous Tubule Cross-Sections. Methods in Molecular Biology, 2009, 558, 263-277.	0.9	236
80	Dietaryâ€Induced Hyperthyroidism Marginally Affects Neonatal Testicular Development. Journal of Andrology, 2008, 29, 643-653.	2.0	24
81	Role for Adhesion Molecules in the Spermatogonial Stem Cell Niche. Cell Stem Cell, 2008, 3, 467-468.	11.1	30
82	Extensive meiotic asynapsis in mice antagonises meiotic silencing of unsynapsed chromatin and consequently disrupts meiotic sex chromosome inactivation. Journal of Cell Biology, 2008, 182, 263-276.	5.2	167
83	Expression of the pluripotency marker UTF1 is restricted to a subpopulation of early A spermatogonia in rat testis. Reproduction, 2008, 136, 33-40.	2.6	78
84	Propagation of bovine spermatogonial stem cells in vitro. Reproduction, 2008, 136, 543-557.	2.6	136
85	Stra8 and its inducer, retinoic acid, regulate meiotic initiation in both spermatogenesis and oogenesis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14976-14980.	7.1	527
86	ATM Promotes the Obligate XY Crossover and both Crossover Control and Chromosome Axis Integrity on Autosomes. PLoS Genetics, 2008, 4, e1000076.	3.5	116
87	Deriving multipotent stem cells from mouse spermatogonial stem cells: a new tool for developmental and clinical research. Development (Cambridge), 2008, 135, 2207-2213.	2.5	52
88	Activation of Â-catenin signaling by Rspo1 controls differentiation of the mammalian ovary. Human Molecular Genetics, 2008, 17, 1264-1277.	2.9	407
89	A Dominant, Recombination-Defective Allele of Dmc1 Causing Male-Specific Sterility. PLoS Biology, 2007, 5, e105.	5.6	67
90	Multidrug resistance-associated protein 9 (ABCC12) is present in mouse and boar sperm. Biochemical Journal, 2007, 406, 31-40.	3.7	42

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91	SYCE2 is required for synaptonemal complex assembly, double strand break repair, and homologous recombination. Journal of Cell Biology, 2007, 176, 741-747.	5.2	178
92	MIWI2 Is Essential for Spermatogenesis and Repression of Transposons in the Mouse Male Germline. Developmental Cell, 2007, 12, 503-514.	7.0	1,014
93	Differences in DNA double strand breaks repair in male germ cell types: Lessons learned from a differential expression of Mdc1 and 53BP1. DNA Repair, 2007, 6, 1243-1254.	2.8	83
94	LONG-TERM EFFECTS OF A SHORT PERIOD OF MODERATELY HIGH TESTICULAR TEMPERATURES ON RAT SPERMATOGENESIS. Biology of Reproduction, 2007, 77, 92-92.	2.7	0
95	Basic features of bovine spermatogonial culture and effects of glial cell line-derived neurotrophic factor. Theriogenology, 2006, 65, 1828-1847.	2.1	82
96	In germ cells of mouse embryonic ovaries, the decision to enter meiosis precedes premeiotic DNA replication. Nature Genetics, 2006, 38, 1430-1434.	21.4	453
97	Expression of stress inducible protein 1 (Stip1) in the mouse testis. Molecular Reproduction and Development, 2006, 73, 1361-1366.	2.0	15
98	Rapid expansion of the spermatogonial stem cell tool box. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7939-7940.	7.1	32
99	Spermatogonial Stem Cell Biology. Annual Review of Biomedical Sciences, 2006, 5, .	0.5	0
100	Spermatogonial stem cells: characteristics and experimental possibilities. Apmis, 2005, 113, 727-742.	2.0	133
101	LY6A/E (SCA-1) Expression in the Mouse Testis. Biology of Reproduction, 2005, 73, 634-638.	2.7	20
102	Surveillance of Different Recombination Defects in Mouse Spermatocytes Yields Distinct Responses despite Elimination at an Identical Developmental Stage. Molecular and Cellular Biology, 2005, 25, 7203-7215.	2.3	212
103	Gain-of-function amino acid substitutions drive positive selection of FGFR2 mutations in human spermatogonia. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6051-6056.	7.1	125
104	Testicular development in Brahman bulls. Theriogenology, 2005, 64, 1440-1455.	2.1	33
105	Leydig Cells: Testicular Side Population Harbors Transplantable Leydig Stem Cells. Endocrinology, 2004, 145, 4009-4010.	2.8	8
106	A Novel Testicular RhoGAP-Domain Protein Induces Apoptosis1. Biology of Reproduction, 2004, 71, 1980-1990.	2.7	13
107	The mammalian mid-pachytene checkpoint: meiotic arrest in spermatocytes with a mutation in Atm alone or in combination with a Trp53 (p53) or Cdkn1a (p21/cip1) mutation. Cytogenetic and Genome Research, 2004, 107, 256-262.	1.1	22
108	Ataxia Telangiectasia Mutated Expression and Activation in the Testis1. Biology of Reproduction, 2004, 70, 1206-1212.	2.7	65

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109	Plzf is required in adult male germ cells for stem cell self-renewal. Nature Genetics, 2004, 36, 647-652.	21.4	791
110	Correlation of meiotic events in testis sections and microspreads of mouse spermatocytes relative to the mid-pachytene checkpoint. Chromosoma, 2004, 113, 126-136.	2.2	57
111	Functional analysis ofSox8andSox9during sex determination in the mouse. Development (Cambridge), 2004, 131, 1891-1901.	2.5	490
112	Cell-Specific Knockout of Steroidogenic Factor 1 Reveals Its Essential Roles in Gonadal Function. Molecular Endocrinology, 2004, 18, 1610-1619.	3.7	235
113	Kinetics of meiosis in azoospermic males: a joint histological and cytological approach. Cytogenetic and Genome Research, 2004, 105, 36-46.	1.1	13
114	Spermatogonial Stem Cells. , 2004, , 19-35.		1
115	DNA Double-Strand Breaks and Î³-H2AX Signaling in the Testis1. Biology of Reproduction, 2003, 68, 628-634.	2.7	179
116	Specific arrests of spermatogenesis in genetically modified and mutant mice. Cytogenetic and Genome Research, 2003, 103, 267-276.	1.1	161
117	Intercellular bridges and apoptosis in clones of male germ cells. Journal of Developmental and Physical Disabilities, 2003, 26, 348-353.	3.6	32
118	Proliferation and Differentiation of Bovine Type A Spermatogonia During Long-Term Culture1. Biology of Reproduction, 2003, 68, 272-281.	2.7	155
119	Function of DNA-Protein Kinase Catalytic Subunit During the Early Meiotic Prophase Without Ku70 and Ku861. Biology of Reproduction, 2003, 68, 717-721.	2.7	50
120	Long-Term Effects of Irradiation Before Adulthood on Reproductive Function in the Male Rhesus Monkey1. Biology of Reproduction, 2002, 66, 486-494.	2.7	69
121	Establishment of Cell Lines with Rat Spermatogonial Stem Cell Characteristics. Endocrinology, 2002, 143, 1845-1850.	2.8	74
122	Development of a cryopreservation protocol for type A spermatogonia. Journal of Andrology, 2002, 23, 537-45.	2.0	93
123	Transient disruption of spermatogenesis by deregulated expression of neurturin in testis. Molecular and Cellular Endocrinology, 2001, 184, 33-39.	3.2	17
124	Sox9 induces testis development in XX transgenic mice. Nature Genetics, 2001, 28, 216-217.	21.4	619
125	Role for c-Abl and p73 in the radiation response of male germ cells. Oncogene, 2001, 20, 4298-4304.	5.9	53
126	Nature of the Spermatogenic Arrest in Dazl â^'/â^' Mice. Biology of Reproduction, 2001, 65, 771-776.	2.7	146

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127	Apoptosis regulation in the testis: Involvement of Bcl-2 family members. Molecular Reproduction and Development, 2000, 56, 353-359.	2.0	65
128	Distribution of Atr protein in primary spermatocytes of a mouse chromosomal mutant: a comparison of preparation techniques. Chromosoma, 2000, 109, 139-147.	2.2	33
129	Involvement of the D-Type Cyclins in Germ Cell Proliferation and Differentiation in the Mouse1. Biology of Reproduction, 2000, 63, 1893-1898.	2.7	129
130	Enhancement of A Spermatogonial Proliferation and Differentiation in Irradiated Rats by Gonadotropin-Releasing Hormone Antagonist Administration1. Endocrinology, 2000, 141, 37-49.	2.8	93
131	Spermatogonial stem cell transplantation. Molecular and Cellular Endocrinology, 2000, 169, 21-26.	3.2	20
132	Regulation of Cell Fate Decision of Undifferentiated Spermatogonia by GDNF. Science, 2000, 287, 1489-1493.	12.6	1,219
133	Regulation of the Differentiation of the Undifferentiated Spermatogonia. , 2000, , 43-54.		6
134	Enhancement of A Spermatogonial Proliferation and Differentiation in Irradiated Rats by Gonadotropin-Releasing Hormone Antagonist Administration. Endocrinology, 2000, 141, 37-49.	2.8	33
135	Regulatory Role of p27kip1 in the Mouse and Human Testis*. Endocrinology, 1999, 140, 1834-1840.	2.8	83
136	Ontogeny of Estrogen Receptor-Î² Expression in Rat Testis**This work was supported by grants from the Swedish Medical Research Council (MFR K98â€“04P-12596â€“01A) and the Loo och Hans Ostermans Stiftelse (to G.G.J.M.K.) and a grant from the European Union (EU-PL95â€“1223; to B.v.d.B., P.T.v.d.S., and J.-AÌŠ.G.).. Endocrinology, 1999, 140, 478-483.	2.8	186
137	Arrest of Spermatogonial Differentiation in jsd/jsd, Sl17H/Sl17H, and Cryptorchid Mice. Biology of Reproduction, 1999, 61, 842-847.	2.7	134
138	Differential Expression of c-kit in Mouse Undifferentiated and Differentiating Type A Spermatogonia. Endocrinology, 1999, 140, 5894-5900.	2.8	317
139	Ontogeny of Estrogen Receptor-Â Expression in Rat Testis. Endocrinology, 1999, 140, 478-483.	2.8	100
140	Differential Expression of c-kit in Mouse Undifferentiated and Differentiating Type A Spermatogonia. Endocrinology, 1999, 140, 5894-5900.	2.8	82
141	Isolation and characterization of all-trans-retinoic acid-responsive genes in the rat testis. Molecular Reproduction and Development, 1998, 50, 1-6.	2.0	31
142	The role of the tumor suppressor p53 in spermatogenesis. Cell Death and Differentiation, 1998, 5, 669-677.	11.2	194
143	Spermatogonial stem cells. Current Opinion in Cell Biology, 1998, 10, 694-701.	5.4	337
144	Differential Expression Pattern of Retinoid X Receptors in Adult Murine Testicular Cells Implies Varying Roles for these Receptors in Spermatogenesis1. Biology of Reproduction, 1998, 58, 1351-1356.	2.7	39

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145	The Effect of 9-cis-Retinoic Acid on Proliferation and Differentiation of A Spermatogonia and Retinoid Receptor Gene Expression in the Vitamin A-Deficient Mouse Testis**This work was supported by the Netherlands Organization for Scientific Research through GB-MW Grant 900-544-101 (to A.M.M.v.P.).. Endocrinology, 1998, 139, 4269-4276.	2.8	30
146	Macroorchidism in FMR1 Knockout Mice Is Caused by Increased Sertoli Cell Proliferation during Testicular Development*. Endocrinology, 1998, 139, 156-162.	2.8	94
147	Development of the Adult-Type Leydig Cell Population in the Rat Is Affected by Neonatal Thyroid Hormone Levels1. Biology of Reproduction, 1998, 59, 344-350.	2.7	77
148	Radioprotective effect of misoprostol on mouse spermatogonial stem cells. Genetical Research, 1998, 72, 185-189.	0.9	6
149	Isolation and characterization of allâ€transâ€retinoic acidâ€“responsive genes in the rat testis. Molecular Reproduction and Development, 1998, 50, 1-6.	2.0	1
150	Stem cells in the testis. International Journal of Experimental Pathology, 1998, 79, 67-80.	1.3	290
151	Macroorchidism in FMR1 Knockout Mice Is Caused by Increased Sertoli Cell Proliferation during Testicular Development. Endocrinology, 1998, 139, 156-162.	2.8	22
152	The Effect of 9-cis-Retinoic Acid on Proliferation and Differentiation of A Spermatogonia and Retinoid Receptor Gene Expression in the Vitamin A-Deficient Mouse Testis. Endocrinology, 1998, 139, 4269-4276.	2.8	10
153	Effect of Retinoid Status on the Messenger Ribonucleic Acid Expression of Nuclear Retinoid Receptors Î±, Î², and Î³, and Retinoid X Receptors Î±, Î², and Î³ in the Mouse Testis1. Endocrinology, 1997, 138, 1544-1551.	2.8	23
154	Differential radioprotective effects of misoprostol in DNA repaircell proficient and-deficient or radiosensitive systems. International Journal of Radiation Biology, 1997, 71, 259-264.	1.8	18
155	Regulation of proliferation and differentiation of stem cells in the male germ line. , 1997, , 283-313.		8
156	Isolation of the Synchronized A Spermatogonia from Adult Vitamin A-Deficient Rat Testes1. Biology of Reproduction, 1996, 55, 439-444.	2.7	113
157	Effect of hypothyroidism on ovarian follicular development, granulosa cell proliferation and peripheral hormone levels in the prepubertal rat. European Journal of Endocrinology, 1996, 134, 649-654.	3.7	80
158	Heterogeneity in the in vitro survival and proliferation of human seminoma cells. British Journal of Cancer, 1995, 71, 13-17.	6.4	25
159	Radioprotective Effects of Prostaglandins for Chromosomal Aberrations and Cell Killing in V79 Chinese Hamster Cells Grown as Spheroidsin Vitroand for Mouse Spermatogonial Stem Cells and Bone Marrow Cellsin Vivo. International Journal of Radiation Biology, 1995, 67, 47-55.	1.8	8
160	X-ray-induced Chromosomal Aberrations and Cell Killing in Somatic and Germ Cells of theScidMouse. International Journal of Radiation Biology, 1995, 67, 549-555.	1.8	12
161	Characteristics of a Spermatogonia and Preleptotene Spermatocytes in the Vitamin A-Deficient Rat Testis1. Biology of Reproduction, 1995, 53, 570-578.	2.7	72
162	Phenotypical heterogeneity of testicular macrophages/dendritic cells in normal adult mice: an immunohistochemical study. Journal of Reproductive Immunology, 1995, 28, 217-232.	1.9	47

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163	A change in the phosphorylation pattern of the 30000â€“33000 M r synaptonemal complex proteins of the rat between early and mid-pachytene. Chromosoma, 1995, 104, 154-163.	2.2	37
164	Immunohistological Localization of Autoantigens Detected by Serum Autoantibodies from Mice with Experimental Autoimmune Orchitis Without Using Adjuvants. Archives of Andrology, 1994, 32, 45-52.	1.0	22
165	Role of Retinoids in Spermatogonial Proliferation and Differentiation and the Meiotic Prophase. , 1994, , 345-361.		18
166	A quantitative study of spermatogonial multiplication and stem cell renewal in the C3H/101 F1 hybrid mouse. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1993, 290, 193-200.	1.0	505
167	The radiosensitivity of spermatogonial stem cells in C3H/101 F1 hybrid mice. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1993, 290, 201-210.	1.0	13
168	Survival and proliferation of rat gonocytes in vitro. Cell and Tissue Research, 1993, 273, 141-147.	2.9	34
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