

Bernard Robaire

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

178
papers

6,449
citations

46
h-index

70
g-index

192
ext. papers

7,140
ext. citations

5.3
avg, IF

5.93
L-index

#	Paper	IF	Citations
178	Phthalates and Alternative Plasticizers Differentially affect Phenotypic Parameters in Gonadal Somatic and Germ Cell Lines. <i>Biology of Reproduction</i> , 2021 ,	3.9	1
177	Aging and oxidative stress alter DNA repair mechanisms in male germ cells of superoxide dismutase-1 null mice. <i>Biology of Reproduction</i> , 2021 , 105, 944-957	3.9	5
176	Effects of flame retardants on ovarian function. <i>Reproductive Toxicology</i> , 2021 , 102, 10-23	3.4	1
175	In Utero and Lactational Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants Induces a Premature Development of the Mammary Glands. <i>Toxicological Sciences</i> , 2021 , 179, 206-219	4.4	1
174	Polybrominated Diphenyl Ethers in Human Follicular Fluid Dysregulate Mural and Cumulus Granulosa Cell Gene Expression. <i>Endocrinology</i> , 2021 , 162,	4.8	4
173	A cross-species comparative approach to assessing multi- and transgenerational effects of endocrine disrupting chemicals. <i>Environmental Research</i> , 2021 , 204, 112063	7.9	5
172	Elucidation of the Effects of Bisphenol A and Structural Analogs on Germ and Steroidogenic Cells Using Single Cell High-Content Imaging. <i>Toxicological Sciences</i> , 2021 , 180, 224-238	4.4	5
171	High-resolution analyses of human sperm dynamic methylome reveal thousands of novel age-related epigenetic alterations. <i>Clinical Epigenetics</i> , 2020 , 12, 192	7.7	5
170	Effects of brominated and organophosphate ester flame retardants on male reproduction. <i>Andrology</i> , 2020 , 8, 915-923	4.2	16
169	The Exacerbation of Aging and Oxidative Stress in the Epididymis of Null Mice. <i>Antioxidants</i> , 2020 , 9,	7.1	6
168	Celebrating the Silver Anniversary of the North American Testis Workshop. <i>Andrology</i> , 2020 , 8, 820-824	4.2	
167	In Utero and Lactational Exposure to Flame Retardants Disrupts Rat Ovarian Follicular Development and Advances Puberty. <i>Toxicological Sciences</i> , 2020 , 175, 197-209	4.4	10
166	The Green Print: Advancement of Environmental Sustainability in Healthcare. <i>Resources, Conservation and Recycling</i> , 2020 , 161, 104882	11.9	32
165	Oxidative Stress and Reproductive Function in the Aging Male. <i>Biology</i> , 2020 , 9,	4.9	14
164	Customized MethylC-Capture Sequencing to Evaluate Variation in the Human Sperm DNA Methylome Representative of Altered Folate Metabolism. <i>Environmental Health Perspectives</i> , 2019 , 127, 87002	8.4	10
163	Telomere Dynamics Throughout Spermatogenesis. <i>Genes</i> , 2019 , 10,	4.2	8
162	Gestational and Lactational Exposure to an Environmentally-relevant Mixture of Brominated Flame Retardants Down-regulates Junctional Proteins, Thyroid Hormone Receptor α Expression and the Proliferation-Apoptosis Balance in Mammary Glands Post Puberty. <i>Toxicological Sciences</i> , 2019 ,	4.4	5

161 Male Oncoinfertility **2019**, 840-848

160 Sperm DNA integrity in adult survivors of paediatric leukemia and lymphoma: A pilot study on the impact of age and type of treatment. *PLoS ONE*, **2019**, 14, e0226262 3.7 1

159 Effects of Aging on Sperm Chromatin **2019**, 85-103 1

158 Sperm Evaluation Using the Comet Assay **2018**, 85-98

157 Response to Letter From Rainer Otter Regarding Albert O. et al. (2017). Identifying Greener and Safer Plasticizers: A Four-Step Approach. *Toxicological Sciences*, **2018**, 166, 244-245 4.4 2

156 A case study of the role of toxicogenomics in hazard identification: The effects of exposure to a mixture of brominated flame retardants on ovarian function and gene expression. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, SY77-1 0

155 Cancer and Sperm DNA Damage **2018**, 281-300 0

154 Identifying Greener and Safer Plasticizers: A 4-Step Approach. *Toxicological Sciences*, **2018**, 161, 266-275 4.4 10

153 Effects of In Utero and Lactational Exposure to New Generation Green Plasticizers on Adult Male Rats: A Comparative Study With Di(2-Ethylhexyl) Phthalate. *Toxicological Sciences*, **2018**, 164, 129-141 4.4 15

152 Exposure to polybrominated diphenyl ethers and phthalates in healthy men living in the greater Montreal area: A study of hormonal balance and semen quality. *Environment International*, **2018**, 116, 165-175 12.9 29

151 Gestational and Lactational Exposure to an Environmentally-Relevant Mixture of Brominated Flame Retardants: Effects on Neurodevelopment and Metabolism. *Birth Defects Research*, **2017**, 109, 497-512 2.9 11

150 From the Cover: Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants Decreased p-Ecateninser675 Expression and Its Interaction With E-Cadherin in the Mammary Glands of Lactating Rats. *Toxicological Sciences*, **2017**, 159, 114-123 4.4 7

149 In Utero and Lactational Exposure Study in Rats to Identify Replacements for Di(2-ethylhexyl) Phthalate. *Scientific Reports*, **2017**, 7, 3862 4.9 24

148 Overexpression of catalase in mice reduces age-related oxidative stress and maintains sperm production. *Experimental Gerontology*, **2016**, 84, 12-20 4.5 18

147 Zinc Transport Differs in Rat Spermatogenic Cell Types and Is Affected by Treatment with Cyclophosphamide. *Biology of Reproduction*, **2016**, 95, 22 3.9 3

146 Organophosphate Flame Retardants Act as Endocrine-Disrupting Chemicals in MA-10 Mouse Tumor Leydig Cells. *Toxicological Sciences*, **2016**, 150, 499-509 4.4 41

145 Exposure of Female Rats to an Environmentally Relevant Mixture of Brominated Flame Retardants Targets the Ovary, Affecting Folliculogenesis and Steroidogenesis. *Biology of Reproduction*, **2016**, 94, 9 3.9 23

144 The Effects of Chemotherapeutic Agents, Bleomycin, Etoposide, and Cisplatin, on Chromatin Remodeling in Male Rat Germ Cells. *Biology of Reproduction*, **2016**, 94, 81 3.9 21

143	HT-COMET: a novel automated approach for high throughput assessment of human sperm chromatin quality. <i>Human Reproduction</i> , 2016 , 31, 938-46	5.7	13
142	A Mixture Reflecting Polybrominated Diphenyl Ether (PBDE) Profiles Detected in Human Follicular Fluid Significantly Affects Steroidogenesis and Induces Oxidative Stress in a Female Human Granulosa Cell Line. <i>Endocrinology</i> , 2016 , 157, 2698-711	4.8	21
141	Gestational and Early Postnatal Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants: General Toxicity and Skeletal Variations. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2016 , 107, 157-68		20
140	Effects of Aging and Oxidative Stress on Spermatozoa of Superoxide-Dismutase 1- and Catalase-Null Mice. <i>Biology of Reproduction</i> , 2016 , 95, 60	3.9	40
139	Male Rat Germ Cells Display Age-Dependent and Cell-Specific Susceptibility in Response to Oxidative Stress Challenges. <i>Biology of Reproduction</i> , 2015 , 93, 72	3.9	22
138	The Epididymis 2015 , 691-771		42
137	The effects of chemotherapy with bleomycin, etoposide, and cis-platinum on telomeres in rat male germ cells. <i>Andrology</i> , 2015 , 3, 1104-12	4.2	12
136	Toxicogenomic Screening of Replacements for Di(2-Ethylhexyl) Phthalate (DEHP) Using the Immortalized TM4 Sertoli Cell Line. <i>PLoS ONE</i> , 2015 , 10, e0138421	3.7	30
135	Zygotic chromosomal structural aberrations after paternal drug treatment. <i>Asian Journal of Andrology</i> , 2015 , 17, 939-41	2.8	0
134	Paternal exposure to testis cancer chemotherapeutics alters sperm fertilizing capacity and affects gene expression in the eight-cell stage rat embryo. <i>Andrology</i> , 2014 , 2, 259-66	4.2	5
133	Assessing sperm chromatin and DNA damage: clinical importance and development of standards. <i>Andrology</i> , 2014 , 2, 322-5	4.2	34
132	Effects of four chemotherapeutic agents, bleomycin, etoposide, cisplatin, and cyclophosphamide, on DNA damage and telomeres in a mouse spermatogonial cell line. <i>Biology of Reproduction</i> , 2014 , 90, 72	3.9	45
131	Hair as a biomarker of systemic exposure to polybrominated diphenyl ethers. <i>Environmental Science & Technology</i> , 2014 , 48, 14650-8	10.3	38
130	Exposure to an environmentally relevant mixture of brominated flame retardants affects fetal development in Sprague-Dawley rats. <i>Toxicology</i> , 2014 , 320, 56-66	4.4	25
129	The effects of chemotherapy with bleomycin, etoposide, and cis-platinum (BEP) on rat sperm chromatin remodeling, fecundity and testicular gene expression in the progeny. <i>Biology of Reproduction</i> , 2013 , 89, 85	3.9	21
128	Harnessing genomics to identify environmental determinants of heritable disease. <i>Mutation Research - Reviews in Mutation Research</i> , 2013 , 752, 6-9	7	25
127	Selective induction of glutathione S-transferases in round spermatids from the Brown-Norway rat by the chemotherapeutic regimen for testicular cancer. <i>Reproductive Toxicology</i> , 2013 , 36, 24-32	3.4	2
126	Ageing of the male germ line. <i>Nature Reviews Urology</i> , 2013 , 10, 227-34	5.5	67

125	The development of adverse outcome pathways for mutagenic effects for the organization for economic co-operation and development. <i>Environmental and Molecular Mutagenesis</i> , 2013 , 54, 79-81	3.2	14
124	Analysis of the sperm head protein profiles in fertile men: consistency across time in the levels of expression of heat shock proteins and peroxiredoxins. <i>PLoS ONE</i> , 2013 , 8, e77471	3.7	11
123	Impaired function of the blood-testis barrier during aging is preceded by a decline in cell adhesion proteins and GTPases. <i>PLoS ONE</i> , 2013 , 8, e84354	3.7	19
122	Cancer in Males: Implications for Sperm Quality, Fertility, and Progeny Outcome 2013 , 153-165		
121	Effects of di-(2-ethylhexyl) phthalate and four of its metabolites on steroidogenesis in MA-10 cells. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 79, 108-115	7	52
120	Degradation of 17 β -ethinylestradiol by ozonation--identification of the by-products and assessment of their estrogenicity and toxicity. <i>Environment International</i> , 2012 , 39, 66-72	12.9	51
119	Null mutation of the transcription factor inhibitor of DNA binding 3 (ID3) in male mice adversely impacts on fertility and reproductive outcome. <i>Journal of Andrology</i> , 2012 , 33, 667-74		1
118	Effects of chronic exposure to an environmentally relevant mixture of brominated flame retardants on the reproductive and thyroid system in adult male rats. <i>Toxicological Sciences</i> , 2012 , 127, 496-507	4.4	47
117	Epigenetic alterations in sperm DNA associated with testicular cancer treatment. <i>Toxicological Sciences</i> , 2012 , 125, 532-43	4.4	36
116	Exposure to bleomycin, etoposide, and cis-platinum alters rat sperm chromatin integrity and sperm head protein profile. <i>Biology of Reproduction</i> , 2012 , 86, 166, 1-10	3.9	29
115	Sperm chromatin structure components are differentially repaired in cancer survivors. <i>Journal of Andrology</i> , 2012 , 33, 629-36		29
114	The activation of DNA damage detection and repair responses in cleavage-stage rat embryos by a damaged paternal genome. <i>Toxicological Sciences</i> , 2012 , 127, 555-66	4.4	19
113	Age and Oxidative Stress in the Germ Line 2012 , 131-148		
112	Effects of chemotherapeutic agents for testicular cancer on rat spermatogonial stem/progenitor cells. <i>Journal of Andrology</i> , 2011 , 32, 432-43		21
111	Androgen action in the epididymis. <i>Journal of Andrology</i> , 2011 , 32, 592-9		101
110	Cancer in Males: Implications for Sperm Quality, Fertility, and Progeny Outcome 2011 , 351-360		1
109	Epigenetic programming: from gametes to blastocyst. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011 , 91, 652-65		62
108	Aging results in differential regulation of DNA repair pathways in pachytene spermatocytes in the Brown Norway rat. <i>Biology of Reproduction</i> , 2011 , 85, 1269-78	3.9	47

107	Null mutation of the transcription factor inhibitor of DNA binding 3 (id3) affects spermatozoal motility parameters and epididymal gene expression in mice. <i>Biology of Reproduction</i> , 2011 , 84, 765-74	3.9	5
106	Androgens activate mitogen-activated protein kinase via epidermal growth factor receptor/insulin-like growth factor 1 receptor in the mouse PC-1 cell line. <i>Journal of Endocrinology</i> , 2011 , 209, 55-64	4.7	24
105	Paternal cyclophosphamide exposure induces the formation of functional micronuclei during the first zygotic division. <i>PLoS ONE</i> , 2011 , 6, e27600	3.7	6
104	Development of a short-term fluorescence-based assay to assess the toxicity of anticancer drugs on rat stem/progenitor spermatogonia in vitro. <i>Biology of Reproduction</i> , 2010 , 83, 228-37	3.9	23
103	Paternal exposure to cyclophosphamide affects the progression of sperm chromatin decondensation and activates a DNA damage response in the prepronuclear rat zygote. <i>Biology of Reproduction</i> , 2010 , 83, 195-204	3.9	22
102	Identification of early response genes and pathway activated by androgens in the initial segment and caput regions of the regressed rat epididymis. <i>Endocrinology</i> , 2010 , 151, 4504-14	4.8	25
101	Impact of chemotherapeutics and advanced testicular cancer or Hodgkin lymphoma on sperm deoxyribonucleic acid integrity. <i>Fertility and Sterility</i> , 2010 , 94, 1374-1379	4.8	74
100	Toxicants and human sperm chromatin integrity. <i>Molecular Human Reproduction</i> , 2010 , 16, 14-22	4.4	90
99	Reversibility of the effects of the chemotherapeutic regimen for non-Hodgkin lymphoma, cyclophosphamide, doxorubicin, vincristine, and prednisone, on the male rat reproductive system and progeny outcome. <i>Reproductive Toxicology</i> , 2010 , 29, 332-8	3.4	15
98	The poly(A)-binding protein partner Paip2a controls translation during late spermiogenesis in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3389-400	15.9	50
97	Impact of the chemotherapy cocktail used to treat testicular cancer on the gene expression profile of germ cells from male Brown-Norway rats. <i>Biology of Reproduction</i> , 2009 , 80, 320-7	3.9	25
96	Intra-individual and inter-individual variations in sperm aneuploidy frequencies in normal men. <i>Fertility and Sterility</i> , 2009 , 91, 185-92	4.8	34
95	Effect of testosterone on epithelial cell proliferation in the regressed rat epididymis. <i>Journal of Andrology</i> , 2009 , 30, 200-12		33
94	Reversibility of the effects of subchronic exposure to the cancer chemotherapeutics bleomycin, etoposide, and cisplatin on spermatogenesis, fertility, and progeny outcome in the male rat. <i>Journal of Andrology</i> , 2008 , 29, 408-17		41
93	The challenges of assessing the quality of spermatozoa. <i>Fertility and Sterility</i> , 2008 , 89, e67-8	4.8	1
92	Seminiferous tubule degeneration and infertility in mice with sustained activation of WNT/CTNNB1 signaling in sertoli cells. <i>Biology of Reproduction</i> , 2008 , 79, 475-85	3.9	72
91	Effects of the chemotherapeutic agents for non-Hodgkin lymphoma, cyclophosphamide, doxorubicin, vincristine, and prednisone (CHOP), on the male rat reproductive system and progeny outcome. <i>Journal of Andrology</i> , 2007 , 28, 578-87		34
90	Androgenic regulation of novel genes in the epididymis. <i>Asian Journal of Andrology</i> , 2007 , 9, 545-53	2.8	44

89	In utero exposure to tributyltin chloride differentially alters male and female fetal gonad morphology and gene expression profiles in the Sprague-Dawley rat. <i>Reproductive Toxicology</i> , 2007 , 23, 1-11	3.4	38
88	DNA damage recognition in the rat zygote following chronic paternal cyclophosphamide exposure. <i>Toxicological Sciences</i> , 2007 , 100, 495-503	4.4	37
87	Time-dependent rescue of gene expression by androgens in the mouse proximal caput epididymidis-1 cell line after androgen withdrawal. <i>Endocrinology</i> , 2007 , 148, 173-88	4.8	7
86	Adverse effects of 5-aza-2Sdeoxycytidine on spermatogenesis include reduced sperm function and selective inhibition of de novo DNA methylation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 322, 1171-80	4.7	61
85	Chronic cyclophosphamide exposure alters the profile of rat sperm nuclear matrix proteins. <i>Biology of Reproduction</i> , 2007 , 77, 303-11	3.9	37
84	Developmental acquisition of genome-wide DNA methylation occurs prior to meiosis in male germ cells. <i>Developmental Biology</i> , 2007 , 307, 368-79	3.1	179
83	The promoter of the rat 5alpha-reductase type 1 gene is bidirectional and Sp1-dependent. <i>Molecular and Cellular Endocrinology</i> , 2007 , 264, 171-83	4.4	17
82	Spermatozoa have decreased antioxidant enzymatic capacity and increased reactive oxygen species production during aging in the Brown Norway rat. <i>Journal of Andrology</i> , 2007 , 28, 229-40		90
81	Effects of the chemotherapy cocktail used to treat testicular cancer on sperm chromatin integrity. <i>Journal of Andrology</i> , 2007 , 28, 241-9; discussion 250-1		65
80	Effects of ageing on spermatozoal chromatin and its sensitivity to in vivo and in vitro oxidative challenge in the Brown Norway rat. <i>Human Reproduction</i> , 2006 , 21, 2901-10	5.7	45
79	Evaluation of a quantitative DNA methylation analysis technique using methylation-sensitive/dependent restriction enzymes and real-time PCR. <i>Epigenetics</i> , 2006 , 1, 146-52	5.7	72
78	Region-specific expression of androgen and growth factor pathway genes in the rat epididymis and the effects of dual 5alpha-reductase inhibition. <i>Journal of Endocrinology</i> , 2006 , 190, 779-91	4.7	26
77	Aging of male germ line stem cells in mice. <i>Biology of Reproduction</i> , 2006 , 74, 119-24	3.9	86
76	Expression, localization, and regulation of inhibitor of DNA binding (Id) proteins in the rat epididymis. <i>Journal of Andrology</i> , 2006 , 27, 212-24		8
75	Effects of chemotherapeutic agents for testicular cancer on the male rat reproductive system, spermatozoa, and fertility. <i>Journal of Andrology</i> , 2006 , 27, 189-200		74
74	Actions of 5alpha-reductase inhibitors on the epididymis. <i>Molecular and Cellular Endocrinology</i> , 2006 , 250, 190-5	4.4	32
73	Changes in spermatozoal chromatin packaging and susceptibility to oxidative challenge during aging. <i>Fertility and Sterility</i> , 2005 , 84 Suppl 2, 1191-8	4.8	58
72	The stress response in gametes and embryos after paternal chemical exposures. <i>Toxicology and Applied Pharmacology</i> , 2005 , 207, 514-20	4.6	31

71	Impact of paternal exposure to chemotherapy on offspring in the rat. <i>Journal of the National Cancer Institute Monographs</i> , 2005 , 28-31	4.8	40
70	Effects of PNU157706, a dual 5alpha-reductase inhibitor, on rat epididymal sperm maturation and fertility. <i>Biology of Reproduction</i> , 2005 , 72, 436-43	3.9	33
69	Effects of acute and chronic cyclophosphamide treatment on meiotic progression and the induction of DNA double-strand breaks in rat spermatocytes. <i>Biology of Reproduction</i> , 2005 , 72, 1297-304	4.9	30
68	Epigenetic programming in the preimplantation rat embryo is disrupted by chronic paternal cyclophosphamide exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7865-70	11.5	66
67	Cloning and characterization of the 5alpha-reductase type 2 promoter in the rat epididymis. <i>Biology of Reproduction</i> , 2005 , 72, 851-61	3.9	15
66	Effect of glutathione depletion on antioxidant enzymes in the epididymis, seminal vesicles, and liver and on spermatozoa motility in the aging brown Norway rat. <i>Biology of Reproduction</i> , 2004 , 71, 1002-8	4.8	63
65	The effects of long-term vitamin E treatment on gene expression and oxidative stress damage in the aging Brown Norway rat epididymis. <i>Biology of Reproduction</i> , 2004 , 71, 1088-95	3.9	37
64	Spermiogenic germ cell phase-specific DNA damage following cyclophosphamide exposure. <i>Journal of Andrology</i> , 2004 , 25, 354-62		83
63	Gestational exposure to persistent organic pollutants: maternal liver residues, pregnancy outcome, and effects on hepatic gene expression profiles in the dam and fetus. <i>Toxicological Sciences</i> , 2003 , 72, 242-52	4.4	13
62	Effects of insulin-like growth factor I on steroidogenic enzyme expression levels in mouse leydig cells. <i>Endocrinology</i> , 2003 , 144, 5058-64	4.8	74
61	Gene expression is differentially regulated in the epididymis after orchidectomy. <i>Endocrinology</i> , 2003 , 144, 975-88	4.8	63
60	Effects of caloric restriction on gene expression along the epididymis of the Brown Norway rat during aging. <i>Experimental Gerontology</i> , 2003 , 38, 549-60	4.5	14
59	Advancing towards a male contraceptive: a novel approach from an unexpected direction. <i>Trends in Pharmacological Sciences</i> , 2003 , 24, 326-8	13.2	16
58	Aging results in hypermethylation of ribosomal DNA in sperm and liver of male rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 1775-80	11.5	152
57	Numerical chromosomal abnormalities in rat epididymal spermatozoa following chronic cyclophosphamide exposure. <i>Biology of Reproduction</i> , 2003 , 69, 1150-7	3.9	29
56	Effects of in utero tributyltin chloride exposure in the rat on pregnancy outcome. <i>Toxicological Sciences</i> , 2003 , 74, 407-15	4.4	93
55	Mechanisms of action of cyclophosphamide as a male-mediated developmental toxicant. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 518, 169-80	3.6	22
54	Changes in gene expression during aging in the Brown Norway rat epididymis. <i>Experimental Gerontology</i> , 2002 , 37, 897-906	4.5	28

53	Chronic cyclophosphamide treatment alters the expression of stress response genes in rat male germ cells. <i>Biology of Reproduction</i> , 2002 , 66, 1024-32	3.9	40
52	Rebuttal of a role for the epididymis in sperm quality control by phagocytosis of defective sperm. <i>Journal of Cell Science</i> , 2002 , 115, 5-7	5.3	29
51	Rebuttal of a role for the epididymis in sperm quality control by phagocytosis of defective sperm. <i>Journal of Cell Science</i> , 2002 , 115, 5-7	5.3	30
50	Acute cyclophosphamide exposure has germ cell specific effects on the expression of stress response genes during rat spermatogenesis. <i>Molecular Reproduction and Development</i> , 2001 , 60, 302-11	2.6	28
49	Dynamic changes in gene expression along the rat epididymis. <i>Biology of Reproduction</i> , 2001 , 65, 696-703	3.9	114
48	Expression of stress response genes in germ cells during spermatogenesis. <i>Biology of Reproduction</i> , 2001 , 65, 119-27	3.9	67
47	Paternal exposure to drugs and environmental chemicals: effects on progeny outcome. <i>Journal of Andrology</i> , 2001 , 22, 927-36		40
46	Gene Expression is Selectively Affected along the Epididymis after Orchidectomy. <i>Scientific World Journal, The</i> , 2001 , 1, 56	2.2	
45	Paternal exposure to cyclophosphamide dysregulates the gene activation program in rat preimplantation embryos. <i>Molecular Reproduction and Development</i> , 2000 , 57, 214-23	2.6	28
44	Paternal exposure to cyclophosphamide alters cell-cell contacts and activation of embryonic transcription in the preimplantation rat embryo. <i>Biology of Reproduction</i> , 2000 , 63, 74-81	3.9	24
43	Paternal exposure to cyclophosphamide induces DNA damage and alters the expression of DNA repair genes in the rat preimplantation embryo. <i>Mutation Research DNA Repair</i> , 2000 , 461, 229-41		83
42	Segment-specific changes with age in the expression of junctional proteins and the permeability of the blood-epididymis barrier in rats. <i>Biology of Reproduction</i> , 1999 , 60, 1392-401	3.9	60
41	Distribution of immune cells in the epididymis of the aging Brown Norway rat is segment-specific and related to the luminal content. <i>Biology of Reproduction</i> , 1999 , 61, 705-14	3.9	77
40	Paternal age affects fertility and progeny outcome in the Brown Norway rat. <i>Fertility and Sterility</i> , 1998 , 70, 625-31	4.8	49
39	Orchidectomy induces a wave of apoptotic cell death in the epididymis. <i>Endocrinology</i> , 1998 , 139, 2128-36	3.9	89
38	Induction of apoptosis in the germ cells of adult male rats after exposure to cyclophosphamide. <i>Biology of Reproduction</i> , 1997 , 56, 1490-7	3.9	131
37	Damage to rat spermatozoal DNA after chronic cyclophosphamide exposure. <i>Biology of Reproduction</i> , 1995 , 53, 1465-73	3.9	57
36	Effects of chronic low-dose cyclophosphamide exposure on the nuclei of rat spermatozoa. <i>Biology of Reproduction</i> , 1995 , 52, 33-40	3.9	45

35	Regulation of epididymal epithelial cell functions. <i>Biology of Reproduction</i> , 1995 , 52, 226-36	3.9	211
34	Immunocytochemical localization of the Ya, Yc, Yb1, and Yb2 subunits of glutathione S-transferases in the testis and epididymis of adult rats. <i>Microscopy Research and Technique</i> , 1995 , 30, 1-23	2.8	44
33	Structure and turnover of junctional complexes between principal cells of the rat epididymis. <i>Microscopy Research and Technique</i> , 1995 , 30, 54-66	2.8	45
32	Paternal cyclophosphamide exposure causes decreased cell proliferation in cleavage-stage embryos. <i>Biology of Reproduction</i> , 1994 , 50, 55-64	3.9	26
31	Developmental expression of the glutathione S-transferase Yo subunit in the rat testis and epididymis using light microscope immunocytochemistry. <i>The Anatomical Record</i> , 1994 , 240, 345-57		14
30	Photoperiod-mediated increases in serum concentrations of inhibin, follicle-stimulating hormone, and luteinizing hormone are accentuated in adult shortened-scrotum rams without corresponding decreases in testosterone and estradiol. <i>Biology of Reproduction</i> , 1993 , 49, 365-73	3.9	13
29	Adverse effects of cyclophosphamide on progeny outcome can be mediated through post-testicular mechanisms in the rat. <i>Biology of Reproduction</i> , 1992 , 46, 926-31	3.9	47
28	Moderate increases in peripheral blood estradiol concentration in the adult ram do not directly inhibit testosterone secretion. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992 , 70, 1384-91	2.4	4
27	Paternal cyclophosphamide treatment causes postimplantation loss via inner cell mass-specific cell death. <i>Teratology</i> , 1992 , 45, 313-8		66
26	Increased postimplantation loss and malformations among the F2 progeny of male rats chronically treated with cyclophosphamide. <i>Teratology</i> , 1992 , 45, 671-8		99
25	Differential regulation of steady state 4-ene steroid 5 alpha-reductase messenger ribonucleic acid levels along the rat epididymis. <i>Endocrinology</i> , 1991 , 128, 2407-14	4.8	31
24	The patterns of LH secretion in adult male rats associated with compensatory androgen secretion by the testis remaining after unilateral orchidectomy. <i>Annals of the New York Academy of Sciences</i> , 1991 , 637, 133-42	6.5	1
23	Developmental regulation of epithelial- and placental-cadherin mRNAs in the rat epididymis. <i>Annals of the New York Academy of Sciences</i> , 1991 , 637, 399-408	6.5	14
22	Interaction of season and estradiol in the regulation of gonadotropin secretion in the adult ram. <i>Canadian Journal of Physiology and Pharmacology</i> , 1990 , 68, 150-6	2.4	7
21	Testicular signaling: incoming and outgoing messages. <i>Annals of the New York Academy of Sciences</i> , 1989 , 564, 250-60	6.5	14
20	Effects of cyclophosphamide on selected cytosolic and mitochondrial enzymes in the epididymis of the rat. <i>Journal of Andrology</i> , 1988 , 9, 142-52		15
19	Morphological changes in the testis and epididymis of rats treated with cyclophosphamide: a quantitative approach. <i>Biology of Reproduction</i> , 1988 , 38, 463-79	3.9	49
18	Phospholipases modulate the rat testicular androgen biosynthetic pathway in vitro. <i>Biology of Reproduction</i> , 1988 , 39, 329-39	3.9	18

17	Effect of estradiol-filled polydimethylsiloxane subdermal implants in adult male rats on the reproductive system, fertility, and progeny outcome. <i>Biology of Reproduction</i> , 1987 , 37, 327-34	3.9	33
16	A time-course study of chronic paternal cyclophosphamide treatment in rats: effects on pregnancy outcome and the male reproductive and hematologic systems. <i>Biology of Reproduction</i> , 1987 , 37, 317-26 ^{3.9}	3.9	75
15	The mechanism of rat epididymal 4-ene steroid 5 alpha-reductase. <i>The Journal of Steroid Biochemistry</i> , 1987 , 26, 361-8		2
14	Cyclophosphamide in the seminal fluid of treated males: transmission to females by mating and effect on pregnancy outcome. <i>Toxicology and Applied Pharmacology</i> , 1986 , 84, 423-30	4.6	61
13	Chronic low dose cyclophosphamide treatment of adult male rats: effect on fertility, pregnancy outcome and progeny. <i>Biology of Reproduction</i> , 1986 , 34, 275-83	3.9	136
12	Changes in the dynamics of luteinizing hormone-releasing hormone-stimulated secretion of luteinizing hormone during sexual maturation of female rats. <i>Biology of Reproduction</i> , 1986 , 34, 549-57	3.9	9
11	Paternal cyclophosphamide treatment of rats causes fetal loss and malformations without affecting male fertility. <i>Nature</i> , 1985 , 316, 144-6	50.4	189
10	Plasma concentrations of free 5 alpha-androstane-3 alpha, 17 beta-diol and related gonadal steroids during spontaneous and induced sexual maturation in the female rat. <i>Biology of Reproduction</i> , 1984 , 30, 105-11	3.9	9
9	Suppression of spermatogenesis by testosterone in adult male rats: effect on fertility, pregnancy outcome and progeny. <i>Biology of Reproduction</i> , 1984 , 31, 221-30	3.9	50
8	Effect on pregnancy outcome of suppression of spermatogenesis by testosterone. <i>Annals of the New York Academy of Sciences</i> , 1984 , 438, 546-8	6.5	
7	Ultrastructure of immotile spermatozoa in an infertile male: a spectrum of structural defects. <i>Fertility and Sterility</i> , 1983 , 40, 395-9	4.8	31
6	Differential regulation of male rat liver glutathione S-transferases. Effects of orchidectomy and hormone replacement. <i>Biochemical Pharmacology</i> , 1982 , 31, 2389-93	6	9
5	The presence and longitudinal distribution of the glutathione S-transferases in rat epididymis and vas deferens. <i>Biochemical Journal</i> , 1980 , 189, 135-42	3.8	33
4	Testosterone-estradiol filled polydimethylsiloxane subdermal implants: effect on fertility and masculine sexual and aggressive behavior of male rats. <i>Biology of Reproduction</i> , 1979 , 21, 765-72	3.9	30
3	Macromolecules, steroid binding and testosterone secretion by rabbit testes. <i>Nature</i> , 1976 , 264, 84-6	50.4	23
2	Effects of Mg ²⁺ and Ca ²⁺ on soluble and membrane-bound acetylcholinesterase from <i>Electrophorus electricus</i> . <i>Biochemical Pharmacology</i> , 1974 , 23, 2476-80	6	10
1	Gene Expression in Brown Norway Rat Leydig Cells: Effects of Age and of Age-Related Germ Cell Loss		9