Ewa Rajpert-De Meyts

List of Publications by Citations

243 papers	16,270 citations	67 h-index	121 g-index
283 ext. papers	18,099 ext. citations	6.6 avg, IF	6.37 L-index

#	Paper	IF	Citations
243	Testicular dysgenesis syndrome: an increasingly common developmental disorder with environmental aspects. *Human Reproduction*, **2001**, 16, 972-8	5.7	1714
242	Male reproductive health and environmental xenoestrogens. *Environmental Health Perspectives*, **1996**, 104 Suppl 4, 741-803	8.4	905
241	Male Reproductive Disorders and Fertility Trends: Influences of Environment and Genetic Susceptibility. *Physiological Reviews*, **2016**, 96, 55-97	47.9	463
240	Developmental model for the pathogenesis of testicular carcinoma in situ: genetic and environmental aspects. *Human Reproduction Update*, **2006**, 12, 303-23	15.8	350
239	Public health implications of altered puberty timing. *Pediatrics*, **2008**, 121 Suppl 3, S218-30	7.4	320
238	Male Reproductive Health and Environmental Xenoestrogens. *Environmental Health Perspectives*, **1996**, 104, 741	8.4	304
237	Expression of anti-Müllerian hormone during normal and pathological gonadal development: association with differentiation of Sertoli and granulosa cells. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 3836-44	5.6	274
236	Histological evaluation of the human testis--approaches to optimizing the clinical value of the assessment: mini review. *Human Reproduction*, **2007**, 22, 2-16	5.7	270
235	Nordic consensus on treatment of undescended testes. *Acta Paediatrica, International Journal of Paediatrics*, **2007**, 96, 638-43	3.1	251
234	Is human fecundity declining?. *Journal of Developmental and Physical Disabilities*, **2006**, 29, 2-11		235
233	Vitamin D receptor and vitamin D metabolizing enzymes are expressed in the human male reproductive tract. *Human Reproduction*, **2010**, 25, 1303-11	5.7	226
232	Expression of Anti-Mullerian Hormone during Normal and Pathological Gonadal Development: Association with Differentiation of Sertoli and Granulosa Cells. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 3836-3844	5.6	221
231	Natural history of seminiferous tubule degeneration in Klinefelter syndrome. *Human Reproduction Update*, **2006**, 12, 39-48	15.8	215
230	Embryonic stem cell-like features of testicular carcinoma in situ revealed by genome-wide gene expression profiling. *Cancer Research*, **2004**, 64, 4736-43	10.1	213
229	Germ cell cancer and disorders of spermatogenesis: an environmental connection?. *Apmis*, **1998**, 106, 3-11; discussion 12	3.4	198
228	Testicular germ cell tumours. *Lancet, The*, **2016**, 387, 1762-74	40	187
227	Impaired Leydig cell function in infertile men: a study of 357 idiopathic infertile men and 318 proven fertile controls. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 3161-7	5.6	179

226	Stem cell pluripotency factor NANOG is expressed in human fetal gonocytes, testicular carcinoma in situ and germ cell tumours. *Histopathology*, **2005**, 47, 48-56	7.3	179
225	Gene polymorphisms and male infertility--a meta-analysis and literature review. *Reproductive BioMedicine Online*, **2007**, 15, 643-58	4	177
224	Cryptorchidism: classification, prevalence and long-term consequences. *Acta Paediatrica, International Journal of Paediatrics*, **2007**, 96, 611-6	3.1	171
223	Developmental expression of POU5F1 (OCT-3/4) in normal and dysgenetic human gonads. *Human Reproduction*, **2004**, 19, 1338-44	5.7	159
222	Testicular development in the complete androgen insensitivity syndrome. *Journal of Pathology*, **2006**, 208, 518-27	9.4	158
221	Histological evidence of testicular dysgenesis in contralateral biopsies from 218 patients with testicular germ cell cancer. *Journal of Pathology*, **2003**, 200, 370-4	9.4	157
220	Analysis of gene expression profiles of microdissected cell populations indicates that testicular carcinoma in situ is an arrested gonocyte. *Cancer Research*, **2009**, 69, 5241-50	10.1	154
219	Activating mutations in FGFR3 and HRAS reveal a shared genetic origin for congenital disorders and testicular tumors. *Nature Genetics*, **2009**, 41, 1247-52	36.3	154
218	Expression of the c-kit protein product in carcinoma-in-situ and invasive testicular germ cell tumours. *Journal of Developmental and Physical Disabilities*, **1994**, 17, 85-92		142
217	Transcription factor AP-2gamma is a developmentally regulated marker of testicular carcinoma in situ and germ cell tumors. *Clinical Cancer Research*, **2004**, 10, 8521-30	12.9	140
216	The emerging phenotype of the testicular carcinoma in situ germ cell. *Apmis*, **2003**, 111, 267-78; discussion 278-9	3.4	139
215	Carcinoma in situ in the testis. *Scandinavian Journal of Urology and Nephrology*, **2000**, 166-86		137
214	Developmental arrest of germ cells in the pathogenesis of germ cell neoplasia. *Apmis*, **1998**, 106, 198-204; discussion 204-6	3.4	132
213	ATM activation in normal human tissues and testicular cancer. *Cell Cycle*, **2005**, 4, 838-45	4.7	129
212	Carcinoma in situ testis, the progenitor of testicular germ cell tumours: a clinical review. *Annals of Oncology*, **2005**, 16, 863-8	10.3	128
211	Increased number of sex chromosomes affects height in a nonlinear fashion: a study of 305 patients with sex chromosome aneuploidy. *American Journal of Medical Genetics, Part A*, **2010**, 152A, 1206-12	2.5	127
210	The AZFa gene DBY (DDX3Y) is widely transcribed but the protein is limited to the male germ cells by translation control. *Human Molecular Genetics*, **2004**, 13, 2333-41	5.6	118
209	Association between testicular dysgenesis syndrome (TDS) and testicular neoplasia: evidence from 20 adult patients with signs of maldevelopment of the testis. *Apmis*, **2003**, 111, 1-9; discussion 9-11	3.4	118

208	Adverse trends in male reproductive health: we may have reached a crucial 'tipping point'? *Journal of Developmental and Physical Disabilities*, **2008**, 31, 74-80		113
207	Possible fetal determinants of male infertility. *Nature Reviews Endocrinology*, **2014**, 10, 553-62	15.2	100
206	The early human germ cell lineage does not express SOX2 during in vivo development or upon in vitro culture. *Biology of Reproduction*, **2008**, 78, 852-8	3.9	99
205	Ovarian dysgerminomas are characterised by frequent KIT mutations and abundant expression of pluripotency markers. *Molecular Cancer*, **2007**, 6, 12	42.1	99
204	MAGE-A4, a germ cell specific marker, is expressed differentially in testicular tumors. *Cancer*, **2001**, 92, 2778-85	6.4	96
203	DNA damage response mediators MDC1 and 53BP1: constitutive activation and aberrant loss in breast and lung cancer, but not in testicular germ cell tumours. *Oncogene*, **2007**, 26, 7414-22	9.2	95
202	45,X/46,XY mosaicism: phenotypic characteristics, growth, and reproductive function--a retrospective longitudinal study. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E1540-9	5.6	93
201	The immunohistochemical expression pattern of Chk2, p53, p19INK4d, MAGE-A4 and other selected antigens provides new evidence for the premeiotic origin of spermatocytic seminoma. *Histopathology*, **2003**, 42, 217-26	7.3	91
200	Germ cell neoplasia in situ (GCNIS): evolution of the current nomenclature for testicular pre-invasive germ cell malignancy. *Histopathology*, **2016**, 69, 7-10	7.3	90
199	A genome-wide association study of men with symptoms of testicular dysgenesis syndrome and its network biology interpretation. *Journal of Medical Genetics*, **2012**, 49, 58-65	5.8	86
198	Meta-analysis of five genome-wide association studies identifies multiple new loci associated with testicular germ cell tumor. *Nature Genetics*, **2017**, 49, 1141-1147	36.3	85
197	High-resolution comparative genomic hybridization detects extra chromosome arm 12p material in most cases of carcinoma in situ adjacent to overt germ cell tumors, but not before the invasive tumor development. *Genes Chromosomes and Cancer*, **2003**, 38, 117-25	5	84
196	Leydig cell micronodules are a common finding in testicular biopsies from men with impaired spermatogenesis and are associated with decreased testosterone/LH ratio. *Journal of Pathology*, **2003**, 199, 378-86	9.4	83
195	The possible role of sex hormones in the development of testicular cancer. *European Urology*, **1993**, 23, 54-9; discussion 60-1	10.2	83
194	Translational repression of E2F1 mRNA in carcinoma in situ and normal testis correlates with expression of the miR-17-92 cluster. *Cell Death and Differentiation*, **2007**, 14, 879-82	12.7	81
193	From gonocytes to testicular cancer: the role of impaired gonadal development. *Annals of the New York Academy of Sciences*, **2007**, 1120, 168-80	6.5	81
192	Testicular cancer trends as 'whistle blowers' of testicular developmental problems in populations. *Journal of Developmental and Physical Disabilities*, **2007**, 30, 198-204; discussion 204-5		79
191	Testicular dysgenesis syndrome and the development and occurrence of male reproductive disorders. *Toxicology and Applied Pharmacology*, **2005**, 207, 501-5	4.6	79

190	Analysis of meiosis regulators in human gonads: a sexually dimorphic spatio-temporal expression pattern suggests involvement of DMRT1 in meiotic entry. *Molecular Human Reproduction*, **2012**, 18, 523-34	4.4	78
189	Presumed pluripotency markers UTF-1 and REX-1 are expressed in human adult testes and germ cell neoplasms. *Human Reproduction*, **2008**, 23, 775-82	5.7	78
188	Identity of M2A (D2-40) antigen and gp36 (Aggrus, T1A-2, podoplanin) in human developing testis, testicular carcinoma in situ and germ-cell tumours. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2006**, 449, 200-6	5.1	78
187	Increased risk of carcinoma in situ in patients with testicular germ cell cancer with ultrasonic microlithiasis in the contralateral testicle. *Journal of Urology*, **2003**, 170, 1163-7	2.5	78
186	CAG repeat length in androgen-receptor gene and reproductive variables in fertile and infertile men. *Lancet, The*, **2002**, 359, 44-6	40	78
185	Immunoexpression of androgen receptor and nine markers of maturation in the testes of adolescent boys with Klinefelter syndrome: evidence for degeneration of germ cells at the onset of meiosis. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 714-9	5.6	77
184	Cloning and nucleotide sequence of human gamma-glutamyl transpeptidase. *Proceedings of the National Academy of Sciences of the United States of America*, **1988**, 85, 8840-4	11.5	77
183	Origin of pluripotent germ cell tumours: the role of microenvironment during embryonic development. *Molecular and Cellular Endocrinology*, **2008**, 288, 111-8	4.4	76
182	Double-blind Y chromosome microdeletion analysis in men with known sperm parameters and reproductive hormone profiles: microdeletions are specific for spermatogenic failure. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 2638-42	5.6	76
181	Genome-wide gene expression profiling of testicular carcinoma in situ progression into overt tumours. *British Journal of Cancer*, **2005**, 92, 1934-41	8.7	73
180	New evidence for the origin of intracranial germ cell tumours from primordial germ cells: expression of pluripotency and cell differentiation markers. *Journal of Pathology*, **2006**, 209, 25-33	9.4	72
179	Development and descent of the testis in relation to cryptorchidism. *Acta Paediatrica, International Journal of Paediatrics*, **2007**, 96, 622-7	3.1	71
178	Frequent polymorphism of the mitochondrial DNA polymerase gamma gene (POLG) in patients with normal spermiograms and unexplained subfertility. *Human Reproduction*, **2004**, 19, 65-70	5.7	68
177	Identification of a human gamma-glutamyl cleaving enzyme related to, but distinct from, gamma-glutamyl transpeptidase. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 6303-7	11.5	66
176	Are male reproductive disorders a common entity? The testicular dysgenesis syndrome. *Annals of the New York Academy of Sciences*, **2001**, 948, 90-9	6.5	65
175	The cancer-testis gene, NY-ESO-1, is expressed in normal fetal and adult testes and in spermatocytic seminomas and testicular carcinoma in situ. *Laboratory Investigation*, **2002**, 82, 775-80	5.9	65
174	Carcinoma in situ testis displays permissive chromatin modifications similar to immature foetal germ cells. *British Journal of Cancer*, **2010**, 103, 1269-76	8.7	64
173	Clinical, genetic, biochemical, and testicular biopsy findings among 1,213 men evaluated for infertility. *Fertility and Sterility*, **2017**, 107, 74-82.e7	4.8	63

172	MicroRNA expression profiling of carcinoma in situ cells of the testis. *Endocrine-Related Cancer*, **2012**, 19, 365-79	5.7	63
171	Identification of a Y chromosome haplogroup associated with reduced sperm counts. *Human Molecular Genetics*, **2001**, 10, 1873-7	5.6	63
170	OCT2, SSX and SAGE1 reveal the phenotypic heterogeneity of spermatocytic seminoma reflecting distinct subpopulations of spermatogonia. *Journal of Pathology*, **2011**, 224, 473-83	9.4	62
169	Chk2 tumour suppressor protein in human spermatogenesis and testicular germ-cell tumours. *Oncogene*, **2001**, 20, 5897-902	9.2	62
168	Testicular dysgenesis syndrome comprises some but not all cases of hypospadias and impaired spermatogenesis. *Journal of Developmental and Physical Disabilities*, **2010**, 33, 298-303		61
167	Environment, testicular dysgenesis and carcinoma in situ testis. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2007**, 21, 462-78	6.5	61
166	Expression of the normal epithelial cell-specific 1 (NES1; KLK10) candidate tumour suppressor gene in normal and malignant testicular tissue. *British Journal of Cancer*, **2001**, 85, 220-4	8.7	61
165	Cell cycle regulators in testicular cancer: loss of p18INK4C marks progression from carcinoma in situ to invasive germ cell tumours. *International Journal of Cancer*, **2000**, 85, 370-5	7.5	60
164	Testis-specific protein Y-encoded gene is expressed in early and late stages of gonadoblastoma and testicular carcinoma in situ. *Urologic Oncology: Seminars and Original Investigations*, **2007**, 25, 141-6	2.8	59
163	D-type cyclins in adult human testis and testicular cancer: relation to cell type, proliferation, differentiation, and malignancy. *Journal of Pathology*, **1999**, 187, 573-81	9.4	58
162	Heterogeneity of expression of immunohistochemical tumour markers in testicular carcinoma in situ: pathogenetic relevance. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **1996**, 428, 133-9	5.1	58
161	Expression of the vitamin D metabolizing enzyme CYP24A1 at the annulus of human spermatozoa may serve as a novel marker of semen quality. *Journal of Developmental and Physical Disabilities*, **2012**, 35, 499-510		57
160	Phenotypic variation within European carriers of the Y-chromosomal gr/gr deletion is independent of Y-chromosomal background. *Journal of Medical Genetics*, **2009**, 46, 21-31	5.8	57
159	Molecular characteristics of malignant ovarian germ cell tumors and comparison with testicular counterparts: implications for pathogenesis. *Endocrine Reviews*, **2013**, 34, 339-76	27.2	56
158	Testicular dysgenesis syndrome and the origin of carcinoma in situ testis. *Journal of Developmental and Physical Disabilities*, **2008**, 31, 275-87		56
157	Experimentally induced testicular dysgenesis syndrome originates in the masculinization programming window. *JCI Insight*, **2017**, 2, e91204	9.9	54
156	Hanging drop cultures of human testis and testis cancer samples: a model used to investigate activin treatment effects in a preserved niche. *British Journal of Cancer*, **2014**, 110, 2604-14	8.7	53
155	Transfection with gamma-glutamyl transpeptidase enhances recovery from glutathione depletion using extracellular glutathione. *Toxicology and Applied Pharmacology*, **1992**, 114, 56-62	4.6	52

154	Klinefelter syndrome comorbidities linked to increased X chromosome gene dosage and altered protein interactome activity. *Human Molecular Genetics*, **2017**, 26, 1219-1229	5.6	51
153	Contributions of intrinsic mutation rate and selfish selection to levels of de novo HRAS mutations in the paternal germline. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 20152-7	11.5	51
152	Human endocrine gland-derived vascular endothelial growth factor: expression early in development and in Leydig cell tumors suggests roles in normal and pathological testis angiogenesis. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 4078-88	5.6	51
151	Deregulation of the G1/S-phase control in human testicular germ cell tumours. *Apmis*, **2003**, 111, 252-65; discussion 265-6	3.4	50
150	Diagnostic markers for germ cell neoplasms: from placental-like alkaline phosphatase to micro-RNAs. *Folia Histochemica Et Cytobiologica*, **2015**, 53, 177-88	1.4	49
149	Lack of p19INK4d in human testicular germ-cell tumours contrasts with high expression during normal spermatogenesis. *Oncogene*, **2000**, 19, 4146-50	9.2	48
148	Testicular dysgenesis syndrome and Leydig cell function. *Basic and Clinical Pharmacology and Toxicology*, **2008**, 102, 155-61	3.1	47
147	Dysregulation of the mitosis-meiosis switch in testicular carcinoma in situ. *Journal of Pathology*, **2013**, 229, 588-98	9.4	46
146	Towards a non-invasive method for early detection of testicular neoplasia in semen samples by identification of fetal germ cell-specific markers. *Human Reproduction*, **2007**, 22, 167-73	5.7	46
145	Deregulation of the RB pathway in human testicular germ cell tumours. *Journal of Pathology*, **2003**, 200, 149-56	9.4	46
144	PROLONGED EXPRESSION OF THE c-kit RECEPTOR IN GERM CELLS OF INTERSEX FETAL TESTES. *Journal of Pathology*, **1996**, 178, 166-169	9.4	46
143	Expression of immunohistochemical markers for testicular carcinoma in situ by normal human fetal germ cells. *Laboratory Investigation*, **1995**, 72, 223-31	5.9	46
142	Nuclear transit of human zipcode-binding protein IMP1. *Biochemical Journal*, **2003**, 376, 383-91	3.8	43
141	Anti-müllerian hormone and its clinical use in pediatrics with special emphasis on disorders of sex development. *International Journal of Endocrinology*, **2013**, 2013, 198698	2.7	42
140	Improved gene expression signature of testicular carcinoma in situ. *Journal of Developmental and Physical Disabilities*, **2007**, 30, 292-302; discussion 303		42
139	Inhibin B: a marker for the functional state of the seminiferous epithelium in patients with azoospermia factor C microdeletions. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 5618-24	5.6	41
138	Ex vivo culture of human fetal gonads: manipulation of meiosis signalling by retinoic acid treatment disrupts testis development. *Human Reproduction*, **2015**, 30, 2351-63	5.7	40
137	Mutations involving the SRY-related gene SOX8 are associated with a spectrum of human reproductive anomalies. *Human Molecular Genetics*, **2018**, 27, 1228-1240	5.6	40

136	Expression patterns of DLK1 and INSL3 identify stages of Leydig cell differentiation during normal development and in testicular pathologies, including testicular cancer and Klinefelter syndrome. *Human Reproduction*, **2014**, 29, 1637-50	5.7	40
135	Pathogenesis of germ cell neoplasia in testicular dysgenesis and disorders of sex development. *Seminars in Cell and Developmental Biology*, **2015**, 45, 124-37	7.5	39
134	Genomic and gene expression signature of the pre-invasive testicular carcinoma in situ. *Cell and Tissue Research*, **2005**, 322, 159-65	4.2	39
133	Application of miRNAs in the diagnosis and monitoring of testicular germ cell tumours. *Nature Reviews Urology*, **2020**, 17, 201-213	5.5	38
132	Loss of Function of the Nuclear Receptor NR2F2, Encoding COUP-TF2, Causes Testis Development and Cardiac Defects in 46,XX Children. *American Journal of Human Genetics*, **2018**, 102, 487-493	11	37
131	Sons conceived by assisted reproduction techniques inherit deletions in the azoospermia factor (AZF) region of the Y chromosome and the DAZ gene copy number. *Human Reproduction*, **2008**, 23, 1669-78	5.7	37
130	AZFa protein DDX3Y is differentially expressed in human male germ cells during development and in testicular tumours: new evidence for phenotypic plasticity of germ cells. *Human Reproduction*, **2012**, 27, 1547-55	5.7	36
129	DNA damage response in human testes and testicular germ cell tumours: biology and implications for therapy. *Journal of Developmental and Physical Disabilities*, **2007**, 30, 282-91; discussion 291		36
128	Evidence that active demethylation mechanisms maintain the genome of carcinoma in situ cells hypomethylated in the adult testis. *British Journal of Cancer*, **2014**, 110, 668-78	8.7	35
127	Epigenetic features of testicular germ cell tumours in relation to epigenetic characteristics of foetal germ cells. *International Journal of Developmental Biology*, **2013**, 57, 309-17	1.9	35
126	From embryonic stem cells to testicular germ cell cancer-- should we be concerned?. *Journal of Developmental and Physical Disabilities*, **2006**, 29, 211-8		35
125	Characterization of the testicular, epididymal and endocrine phenotypes in the Leuven Vdr-deficient mouse model: targeting estrogen signalling. *Molecular and Cellular Endocrinology*, **2013**, 377, 93-102	4.4	34
124	A simple screening method for detection of Klinefelter syndrome and other X-chromosome aneuploidies based on copy number of the androgen receptor gene. *Molecular Human Reproduction* , **2007**, 13, 745-50	4.4	34
123	The relationship between Y chromosome DNA haplotypes and Y chromosome deletions leading to male infertility. *Human Genetics*, **2001**, 108, 55-8	6.3	33
122	Management of males with 45,X/46,XY gonadal dysgenesis. *Hormone Research in Paediatrics*, **1999**, 52, 11-4	3.3	32
121	Vitamin D metabolism and effects on pluripotency genes and cell differentiation in testicular germ cell tumors in vitro and in vivo. *Neoplasia*, **2012**, 14, 952-63	6.4	31
120	Testicular carcinoma in situ in subfertile Danish men. *Journal of Developmental and Physical Disabilities*, **2007**, 30, 406-11; discussion 412		31
119	The transforming growth factor-beta superfamily in early spermatogenesis: potential relevance to testicular dysgenesis. *Journal of Developmental and Physical Disabilities*, **2007**, 30, 377-84; discussion 384		30

118	Abundance of DLK1, differential expression of CYP11B1, CYP21A2 and MC2R, and lack of INSL3 distinguish testicular adrenal rest tumours from Leydig cell tumours. *European Journal of Endocrinology*, **2015**, 172, 491-9	6.5	29
117	Current approaches for detection of carcinoma in situ testis. *Journal of Developmental and Physical Disabilities*, **2007**, 30, 398-404; discussion 404-5		29
116	Activin receptor subunits in normal and dysfunctional adult human testis. *Human Reproduction*, **2008**, 23, 412-20	5.7	29
115	Characterisation and localisation of the endocannabinoid system components in the adult human testis. *Scientific Reports*, **2019**, 9, 12866	4.9	28
114	Transcriptome profiling of fetal Klinefelter testis tissue reveals a possible involvement of long non-coding RNAs in gonocyte maturation. *Human Molecular Genetics*, **2018**, 27, 430-439	5.6	28
113	A common deletion in the uridine diphosphate glucuronyltransferase (UGT) 2B17 gene is a strong determinant of androgen excretion in healthy pubertal boys. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 1005-11	5.6	28
112	Phenotypic characterisation of immune cell infiltrates in testicular germ cell neoplasia. *Journal of Reproductive Immunology*, **2013**, 100, 135-45	4.2	27
111	A survey of Sertoli cell differentiation in men after gonadotropin suppression and in testicular cancer. *Spermatogenesis*, **2013**, 3, e24014		27
110	Preserved fertility in a non-mosaic Klinefelter patient with a mutation in the fibroblast growth factor receptor 3 gene: case report. *Human Reproduction*, **2007**, 22, 1907-11	5.7	27
109	Sperm concentration, testicular volume and age predict risk of carcinoma in situ in contralateral testis of men with testicular germ cell cancer. *Journal of Urology*, **2013**, 190, 2074-80	2.5	26
108	Selfish spermatogonial selection: evidence from an immunohistochemical screen in testes of elderly men. *PLoS ONE*, **2012**, 7, e42382	3.7	26
107	Analysis of activin/TGFB-signaling modulators within the normal and dysfunctional adult human testis reveals evidence of altered signaling capacity in a subset of seminomas. *Reproduction*, **2009**, 138, 801-11	3.8	26
106	Changes in the profile of simple mucin-type O-glycans and polypeptide GalNAc-transferases in human testis and testicular neoplasms are associated with germ cell maturation and tumour differentiation. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2007**, 451, 805-14	5.1	26
105	hH-Rev107, a class II tumor suppressor gene, is expressed by post-meiotic testicular germ cells and CIS cells but not by human testicular germ cell tumors. *Oncogene*, **2001**, 20, 5155-63	9.2	26
104	Screening for carcinoma in situ in the contralateral testicle in patients with testicular cancer: a population-based study. *Annals of Oncology*, **2015**, 26, 737-742	10.3	25
103	Recent advances in understanding the etiology and pathogenesis of pediatric germ cell tumors. *Journal of Pediatric Hematology/Oncology*, **2014**, 36, 263-70	1.2	25
102	Analysis of the polymorphic CAG repeat length in the androgen receptor gene in patients with testicular germ cell cancer. *International Journal of Cancer*, **2002**, 102, 201-4	7.5	25
101	Validation of endogenous normalizing genes for expression analyses in adult human testis and germ cell neoplasms. *Molecular Human Reproduction*, **2014**, 20, 709-18	4.4	24

100	Identification of a novel androgen receptor mutation in a family with multiple components compatible with the testicular dysgenesis syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 2223-9	5.6	24
99	Whole-genome sequencing of spermatocytic tumors provides insights into the mutational processes operating in the male germline. *PLoS ONE*, **2017**, 12, e0178169	3.7	24
98	Testicular germ cell tumours in dogs are predominantly of spermatocytic seminoma type and are frequently associated with somatic cell tumours. *Journal of Developmental and Physical Disabilities*, **2011**, 34, e288-95; discussion e295		23
97	Human 3□hydroxysteroid dehydrogenase deficiency seems to affect fertility but may not harbor a tumor risk: lesson from an experiment of nature. *European Journal of Endocrinology*, **2015**, 173, K1-K12	6.5	22
96	Influence of vitamin D on cisplatin sensitivity in testicular germ cell cancer-derived cell lines and in a NTera2 xenograft model. *Journal of Steroid Biochemistry and Molecular Biology*, **2013**, 136, 238-46	5.1	22
95	Pubertal onset in girls is strongly influenced by genetic variation affecting FSH action. *Scientific Reports*, **2014**, 4, 6412	4.9	22
94	Analysis of gene expression in normal and neoplastic human testis: new roles of RNA. *Journal of Developmental and Physical Disabilities*, **2007**, 30, 316-26; discussion 326-7		22
93	Associations of filaggrin gene loss-of-function variants with urinary phthalate metabolites and testicular function in young Danish Men. *Environmental Health Perspectives*, **2014**, 122, 345-50	8.4	21
92	Association of the polymorphism of the CAG repeat in the mitochondrial DNA polymerase gamma gene (POLG) with testicular germ-cell cancer. *Annals of Oncology*, **2008**, 19, 1910-4	10.3	20
91	Involvement of the DNA mismatch repair system in cisplatin sensitivity of testicular germ cell tumours. *Cellular Oncology (Dordrecht)*, **2017**, 40, 341-355	7.2	19
90	Testicular cancer incidence predictions in Europe 2010-2035: A rising burden despite population ageing. *International Journal of Cancer*, **2020**, 147, 820-828	7.5	19
89	Screening of subfertile men for testicular carcinoma in situ by an automated image analysis-based cytological test of the ejaculate. *Journal of Developmental and Physical Disabilities*, **2011**, 34, e21-30; discussion e30-1		18
88	Lipoprotein lipase and endothelial lipase in human testis and in germ cell neoplasms. *Journal of Developmental and Physical Disabilities*, **2010**, 33, e207-15		18
87	A subfertile patient diagnosed with testicular carcinoma in situ by immunocytological staining for AP-2gamma in semen samples: case report. *Human Reproduction*, **2005**, 20, 579-82	5.7	18
86	Regulation of meiotic entry and gonadal sex differentiation in the human: normal and disrupted signaling. *Biomolecular Concepts*, **2014**, 5, 331-41	3.7	17
85	Optimizing staining protocols for laser microdissection of specific cell types from the testis including carcinoma in situ. *PLoS ONE*, **2009**, 4, e5536	3.7	17
84	Expression of the glycolipid globotriaosylceramide (Gb3) in testicular carcinoma in situ. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **1995**, 426, 369-74	5.1	17
83	Immunoreactive neuron-specific enolase (NSE) is expressed in testicular carcinoma-in-situ. *Journal of Pathology*, **1996**, 178, 161-5	9.4	17

82	Nodal Signaling Regulates Germ Cell Development and Establishment of Seminiferous Cords in the Human Fetal Testis. *Cell Reports*, **2018**, 25, 1924-1937.e4	10.6	17
81	Transcriptome analysis of the adult human Klinefelter testis and cellularity-matched controls reveals disturbed differentiation of Sertoli- and Leydig cells. *Cell Death and Disease*, **2018**, 9, 586	9.8	17
80	Differential developmental expression of transcription factors GATA-4 and GATA-6, their cofactor FOG-2 and downstream target genes in testicular carcinoma in situ and germ cell tumors. *European Journal of Endocrinology*, **2010**, 162, 625-31	6.5	16
79	CDH1 (E-cadherin) in testicular germ cell neoplasia: suppressed translation of mRNA in pre-invasive carcinoma in situ but increased protein levels in advanced tumours. *Apmis*, **2006**, 114, 549-58	3.4	16
78	Evaluating genetic causes of azoospermia: What can we learn from a complex cellular structure and single-cell transcriptomics of the human testis?. *Human Genetics*, **2021**, 140, 183-201	6.3	16
77	Deletions of the Y chromosome are associated with sex chromosome aneuploidy but not with Klinefelter syndrome. *Acta Paediatrica, International Journal of Paediatrics*, **2011**, 100, 900-2	3.1	15
76	No AZF deletion in 160 patients with testicular germ cell neoplasia. *Molecular Human Reproduction*, **2003**, 9, 517-21	4.4	15
75	A rare diagnosis: testicular dysgenesis with carcinoma in situ detected in a patient with ultrasonic microlithiasis. *Asian Journal of Andrology*, **2005**, 7, 445-7	2.8	15
74	Dynamic GnRH and hCG testing: establishment of new diagnostic reference levels. *European Journal of Endocrinology*, **2017**, 176, 379-391	6.5	14
73	FSHB-211 and FSHR 2039 are associated with serum levels of follicle-stimulating hormone and antimüllerian hormone in healthy girls: a longitudinal cohort study. *Fertility and Sterility*, **2013**, 100, 1089-95	4.8	14
72	Cytogenetic investigation of testicular carcinoma in situ and early seminoma by high-resolution comparative genomic hybridization analysis of subpopulations flow sorted according to DNA content. *Cancer Genetics and Cytogenetics*, **2004**, 149, 89-97		14
71	Quantitative assessment of foetal exposure to trenbolone acetate, zeranol and melengestrol acetate, following maternal dosing in rabbits. *Xenobiotica*, **2002**, 32, 641-51	2	14
70	Decrease in semen quality and Leydig cell function in infertile men: a longitudinal study. *Human Reproduction*, **2018**, 33, 1963-1974	5.7	14
69	Heterogeneity of chromatin modifications in testicular spermatocytic seminoma point toward an epigenetically unstable phenotype. *Cancer Genetics*, **2012**, 205, 425-31	2.3	13
68	Androgen receptor CAG repeat length is associated with body fat and serum SHBG in boys: a prospective cohort study. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E605-9	5.6	13
67	Genome-wide assessment of the association of rare and common copy number variations to testicular germ cell cancer. *Frontiers in Endocrinology*, **2013**, 4, 2	5.7	13
66	Identification and characterization of a novel human testis-specific kinase substrate gene which is downregulated in testicular tumors. *Biochemical and Biophysical Research Communications*, **2001**, 285, 400-8	3.4	13
65	Immunohistochemical identification of androgen receptors in germ cell neoplasia. *Journal of Endocrinology*, **1992**, 135, R1-4	4.7	13

64	Possible involvement of the glucocorticoid receptor (NR3C1) and selected NR3C1 gene variants in regulation of human testicular function. *Andrology*, **2017**, 5, 1105-1114	4.2	12
63	Heterochromatin marks HP1, HP1 and H3K9me3, and DNA damage response activation in human testis development and germ cell tumours. *Journal of Developmental and Physical Disabilities*, **2011**, 34, e103-13		12
62	Patterns of DNA damage response in intracranial germ cell tumors versus glioblastomas reflect cell of origin rather than brain environment: implications for the anti-tumor barrier concept and treatment. *Molecular Oncology*, **2014**, 8, 1667-78	7.9	11
61	Short stature homeobox-containing gene duplications in 3.7% of girls with tall stature and normal karyotypes. *Acta Paediatrica, International Journal of Paediatrics*, **2017**, 106, 1651-1657	3.1	11
60	A novel double staining strategy for improved detection of testicular carcinoma in situ cells in human semen samples. *Andrologia*, **2012**, 44, 78-85	2.4	10
59	Expression pattern of clinically relevant markers in paediatric germ cell- and sex-cord stromal tumours is similar to adult testicular tumours. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2014**, 465, 567-77	5.1	10
58	Comparison of global gene expression profiles of microdissected human foetal Leydig cells with their normal and hyperplastic adult equivalents. *Molecular Human Reproduction*, **2017**, 23, 339-354	4.4	9
57	Biglycan is a novel binding partner of fibroblast growth factor receptor 3c (FGFR3c) in the human testis. *Molecular and Cellular Endocrinology*, **2015**, 399, 235-43	4.4	9
56	Polygenic susceptibility to testicular cancer: implications for personalised health care. *British Journal of Cancer*, **2015**, 113, 1512-8	8.7	9
55	Detection of increased gene copy number in DNA from dried blood spot samples allows efficient screening for Klinefelter syndrome. *Acta Paediatrica, International Journal of Paediatrics*, **2012**, 101, e561-3	3.1	9
54	Expression of FGFR3 during human testis development and in germ cell-derived tumours of young adults. *International Journal of Developmental Biology*, **2013**, 57, 141-51	1.9	9
53	Age-related changes in human Leydig cell status. *Human Reproduction*, **2020**, 35, 2663-2676	5.7	9
52	Variant , Defective piRNA Processing, and Azoospermia. *New England Journal of Medicine*, **2021**, 385, 707-719	59.2	8
51	Evaluation of Circulating miRNA Biomarkers of Testicular Germ Cell Tumors during Therapy and Follow-up-A Copenhagen Experience. *Cancers*, **2020**, 12,	6.6	7
50	Leydig cell clustering and Reinke crystal distribution in relation to hormonal function in adult patients with testicular dysgenesis syndrome (TDS) including cryptorchidism. *Hormones*, **2016**, 15, 518-526	2.1	7
49	Differences in global DNA methylation of testicular seminoma are not associated with changes in histone modifications, clinical prognosis, BRAF mutations or gene expression. *Cancer Genetics*, **2016**, 209, 506-514	2.3	7
48	High-Throughput Sequencing-Based Investigation of Viruses in Human Cancers by Multienrichment Approach. *Journal of Infectious Diseases*, **2019**, 220, 1312-1324	7	7
47	Germ Cell Neoplasia in Situ and Preserved Fertility Despite Suppressed Gonadotropins in a Patient With Testotoxicosis. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 4411-4416	5.6	7

46	UGT2B17 Genotype and the Pharmacokinetic Serum Profile of Testosterone during Substitution Therapy with Testosterone Undecanoate. A Retrospective Experience from 207 Men with Hypogonadism. *Frontiers in Endocrinology*, **2013**, 4, 94	5.7	7
45	Cytogenetic and molecular analysis of a family with three brothers afflicted with germ-cell cancer. *Clinical Genetics*, **2004**, 65, 32-9	4	7
44	CENTRAL PRECOCIOUS PUBERTY IN TWO BOYS WITH PRADER-WILLI SYNDROME ON GROWTH HORMONE TREATMENT. *AACE Clinical Case Reports*, **2019**, 5, e352-e356	0.7	7
43	Association between polymorphisms in the aryl hydrocarbon receptor repressor gene and disseminated testicular germ cell cancer. *Frontiers in Endocrinology*, **2013**, 4, 4	5.7	6
42	Heterozygous deletion at the RLN1 locus in a family with testicular germ cell cancer identified by integrating copy number variation data with phenome and interactome information. *Journal of Developmental and Physical Disabilities*, **2011**, 34, e122-32		6
41	Cellular correlates of selfish spermatogonial selection. *Andrology*, **2016**, 4, 550-3	4.2	6
40	Is the FSHR 2039A>G variant associated with susceptibility to testicular germ cell cancer?. *Andrology*, **2018**, 6, 176-183	4.2	6
39	Deletion in the uridine diphosphate glucuronyltransferase 2B17 gene is associated with delayed pubarche in healthy boys. *Endocrine Connections*, **2018**, 7, 460-465	3.5	5
38	Mapping the stem cell state: eight novel human embryonic stem and embryonal carcinoma cell antibodies. *Journal of Developmental and Physical Disabilities*, **2011**, 34, e175-87; discussion e187-8		5
37	In vitro survival of human neoplastic germ cells. *Advances in Experimental Medicine and Biology*, **1998**, 444, 59-65; discussion 65-6	3.6	5
36	Identification of 22 susceptibility loci associated with testicular germ cell tumors. *Nature Communications*, **2021**, 12, 4487	17.4	5
35	Dysregulation of FGFR signalling by a selective inhibitor reduces germ cell survival in human fetal gonads of both sexes and alters the somatic niche in fetal testes. *Human Reproduction*, **2019**, 34, 2228-2243	5.7	5
34	Global patterns in testicular cancer incidence and mortality in 2020.. *International Journal of Cancer*, **2022**,	7.5	5
33	Integration and reanalysis of transcriptomics and methylomics data derived from blood and testis tissue of men with 47,XXY Klinefelter syndrome indicates the primary involvement of Sertoli cells in the testicular pathogenesis. *American Journal of Medical Genetics, Part C: Seminars in Medical Genetics*, **2020**, 184, 239-255	3.1	4
32	Quantification of the Leydig cell compartment in testicular biopsies and association with biochemical Leydig cell dysfunction in testicular cancer survivors. *Andrology*, **2018**, 6, 748-755	4.2	4
31	Testicular neoplasia in childhood and adolescence. *Endocrine Development*, **2003**, 5, 110-23		4
30	WNT signalling in the normal human adult testis and in male germ cell neoplasms. *Human Reproduction*, **2020**, 35, 1991-2003	5.7	4
29	Does more than one biopsy of the contralateral testis in men with a germ cell tumor add value?. *Nature Reviews Urology*, **2007**, 4, 652-3		3

28	PROLONGED EXPRESSION OF THE c-kit RECEPTOR IN GERM CELLS OF INTERSEX FETAL TESTES **1996**, 178, 166		3
27	Prolonged expression of the c-kit receptor in germ cells of intersex fetal testes. *Journal of Pathology*, **1996**, 178, 166-9	9.4	3
26	Factor V Leiden is associated with increased sperm count. *Human Reproduction*, **2017**, 32, 2332-2339	5.7	2
25	Influence of Nodal signalling on pluripotency factor expression, tumour cell proliferation and cisplatin-sensitivity in testicular germ cell tumours. *BMC Cancer*, **2020**, 20, 349	4.8	2
24	Testicular Dysgenesis Syndrome and Carcinoma In Situ Testis **2013**, 159-178		2
23	Germ Cell Cancer, Testicular Dysgenesis Syndrome and Epigenetics. *Epigenetics and Human Health*, **2011**, 19-44		2
22	The emerging phenotype of the testicular carcinoma in situ germ cell. *Apmis*, **2003**, 111, 267-279	3.4	2
21	Snail factors in testicular germ cell tumours and their regulation by the BMP4 signalling pathway? *Andrology*, **2020**, 8, 1456-1470	4.2	2
20	ORIGIN OF TESTICULAR GERM CELL NEOPLASIA: THE ROLE OF SEX CHROMOSOMES **2007**, 289-308		2
19	FSHB and FSHR gene variants exert mild modulatory effect on reproductive hormone levels and testis size but not on semen quality: A study of 2020 men from the general Danish population. *Andrology*, **2021**, 9, 618-631	4.2	2
18	Expression of the -Glycosylation Enzyme GalNAc-T3 in the Equatorial Segment Correlates with the Quality of Spermatozoa. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	2
17	Luteinizing Hormone Receptor Is Expressed in Testicular Germ Cell Tumors: Possible Implications for Tumor Growth and Prognosis. *Cancers*, **2020**, 12,	6.6	1
16	Histopathological Evaluation of Testicular Biopsy. *Endocrinology*, **2017**, 623-642	0.1	1
15	CIS and Bilateral Cancer: Clinical Presentation and Diagnostics **2011**, 115-121		1
14	Polymorphisms in JMJD1C are associated with pubertal onset in boys and reproductive function in men. *Scientific Reports*, **2017**, 7, 17242	4.9	0
13	Accelerated loss of oogonia and impaired folliculogenesis in females with Turner syndrome start during early fetal development. *Human Reproduction*, **2021**, 36, 2992-3002	5.7	0
12	Testicular Dysgenesis Syndrome, Cryptorchidism, Hypospadias, and Testicular Tumors **2016**, 2354-2367.e6		
11	Testicular Tumors **2019**, 831-839		

10	European Academy of Andrology revives the International Journal of Andrology Award and Lecture. *Journal of Developmental and Physical Disabilities*, **2011**, 34, 1	
9	Le cancer ˆcellules germinales du testicule, lment constitutif du Syndrome de Dysgh sie Testiculaire: r e des facteurs environnementaux et de la susceptibilit˜gh tique. *Andrologie*, **2002** , 12, 262-268	
8	A dose-finding study of in utero and lactational exposure to diethylstilboestrol and flutamide in 129/Sv mice. *Basic and Clinical Pharmacology and Toxicology*, **2000**, 87, 255-7	
7	Diagnosis and Management of Testicular Tumours in Children and Adolescents. *Trends in Andrology and Sexual Medicine*, **2021**, 229-253	0.5
6	The Reproductive System **2007**, 651-661	
5	Screening for carcinoma in situ (CIS) testis and occurrence of metachronous germ cell cancer (mGCC).. *Journal of Clinical Oncology*, **2014**, 32, 4554-4554	2.2
4	Histopathological Evaluation of Testicular Biopsy. *Endocrinology*, **2017**, 1-20	0.1
3	Testicular Dysgenesis Syndrome, Cryptorchidism, Hypospadias, and Testicular Tumors **2010**, 2499-2513	
2	18 Perinatal origin of testicular germ cell cancer: Possible involvement of developmental reprogramming **2011**, 219-228	
1	Testicular Cancer in Relation to Testicular Dysgenesis Syndrome **2018**, 147-164	