

Leendert H J Looijenga

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330
papers

21,672
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h-index

136
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349
ext. papers

24,211
ext. citations

6.8
avg, IF

6.47
L-index

#	Paper	IF	Citations
330	Patterns of somatic mutation in human cancer genomes. <i>Nature</i> , 2007 , 446, 153-8	50.4	2400
329	A genetic screen implicates miRNA-372 and miRNA-373 as oncogenes in testicular germ cell tumors. <i>Cell</i> , 2006 , 124, 1169-81	56.2	1058
328	Testicular germ-cell tumours in a broader perspective. <i>Nature Reviews Cancer</i> , 2005 , 5, 210-22	31.3	703
327	Lung cancer: intragenic ERBB2 kinase mutations in tumours. <i>Nature</i> , 2004 , 431, 525-6	50.4	655
326	National Academy of Clinical Biochemistry laboratory medicine practice guidelines for use of tumor markers in testicular, prostate, colorectal, breast, and ovarian cancers. <i>Clinical Chemistry</i> , 2008 , 54, e11-795	5.5	451
325	POU5F1 (OCT3/4) identifies cells with pluripotent potential in human germ cell tumors. <i>Cancer Research</i> , 2003 , 63, 2244-50	10.1	450
324	Somatic mutations of the protein kinase gene family in human lung cancer. <i>Cancer Research</i> , 2005 , 65, 7591-5	10.1	392
323	Global Disorders of Sex Development Update since 2006: Perceptions, Approach and Care. <i>Hormone Research in Paediatrics</i> , 2016 , 85, 158-80	3.3	379
322	Germ cell tumors in the intersex gonad: old paths, new directions, moving frontiers. <i>Endocrine Reviews</i> , 2006 , 27, 468-84	27.2	352
321	A screen of the complete protein kinase gene family identifies diverse patterns of somatic mutations in human breast cancer. <i>Nature Genetics</i> , 2005 , 37, 590-2	36.3	289
320	Molecular characterization of hiwi, a human member of the piwi gene family whose overexpression is correlated to seminomas. <i>Oncogene</i> , 2002 , 21, 3988-99	9.2	255
319	OCT4: biological functions and clinical applications as a marker of germ cell neoplasia. <i>Journal of Pathology</i> , 2007 , 211, 1-9	9.4	217
318	Pathobiological implications of the expression of markers of testicular carcinoma in situ by fetal germ cells. <i>Journal of Pathology</i> , 2004 , 203, 849-57	9.4	204
317	Integrated Molecular Characterization of Testicular Germ Cell Tumors. <i>Cell Reports</i> , 2018 , 23, 3392-3406	10.6	200
316	The pluripotency homeobox gene NANOG is expressed in human germ cell tumors. <i>Cancer</i> , 2005 , 104, 2092-8	6.4	198
315	High-throughput microRNAome analysis in human germ cell tumours. <i>Journal of Pathology</i> , 2007 , 213, 319-28	9.4	174
314	The Y deletion gr/gr and susceptibility to testicular germ cell tumor. <i>American Journal of Human Genetics</i> , 2005 , 77, 1034-43	11	172

313	Differential expression of SOX17 and SOX2 in germ cells and stem cells has biological and clinical implications. <i>Journal of Pathology</i> , 2008 , 215, 21-30	9.4	169
312	Genomic and expression profiling of human spermatocytic seminomas: primary spermatocyte as tumorigenic precursor and DMRT1 as candidate chromosome 9 gene. <i>Cancer Research</i> , 2006 , 66, 290-302 ^{10.1}		169
311	Chromosomal anomalies in oligodendroglial tumors are correlated with clinical features. <i>Cancer</i> , 2003 , 97, 1276-84	6.4	167
310	Disorders of sex development: insights from targeted gene sequencing of a large international patient cohort. <i>Genome Biology</i> , 2016 , 17, 243	18.3	166
309	Aberrant p53 protein expression is associated with an increased risk of neoplastic progression in patients with Barrett's oesophagus. <i>Gut</i> , 2013 , 62, 1676-83	19.2	165
308	Testicular cancer. <i>Nature Reviews Disease Primers</i> , 2018 , 4, 29	51.1	164
307	Gonadoblastoma arising in undifferentiated gonadal tissue within dysgenetic gonads. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 2404-13	5.6	163
306	Morphological and immunohistochemical differences between gonadal maturation delay and early germ cell neoplasia in patients with undervirilization syndromes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 5295-303	5.6	160
305	The DM domain protein DMRT1 is a dose-sensitive regulator of fetal germ cell proliferation and pluripotency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 22323-8	11.5	153
304	Microsatellite instability, mismatch repair deficiency, and BRAF mutation in treatment-resistant germ cell tumors. <i>Journal of Clinical Oncology</i> , 2009 , 27, 2129-36	2.2	145
303	Tumor risk in disorders of sex development (DSD). <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2007 , 21, 480-95	6.5	141
302	Critical function of AP-2 gamma/TCFAP2C in mouse embryonic germ cell maintenance. <i>Biology of Reproduction</i> , 2010 , 82, 214-23	3.9	140
301	Diagnostic value of OCT3/4 for pre-invasive and invasive testicular germ cell tumours. <i>Journal of Pathology</i> , 2005 , 206, 242-9	9.4	140
300	Identification of germ cells at risk for neoplastic transformation in gonadoblastoma: an immunohistochemical study for OCT3/4 and TSPY. <i>Human Pathology</i> , 2005 , 36, 512-21	3.7	138
299	Carcinoma in situ in the testis. <i>Scandinavian Journal of Urology and Nephrology</i> , 2000 , 166-86		137
298	Lessons from human teratomas to guide development of safe stem cell therapies. <i>Nature Biotechnology</i> , 2012 , 30, 849-57	44.5	134
297	Expression profile of genes from 12p in testicular germ cell tumors of adolescents and adults associated with i(12p) and amplification at 12p11.2-p12.1. <i>Oncogene</i> , 2003 , 22, 1880-91	9.2	132
296	Global DNA methylation in fetal human germ cells and germ cell tumours: association with differentiation and cisplatin resistance. <i>Journal of Pathology</i> , 2010 , 221, 433-42	9.4	130

295	Amplification and overexpression of the KIT gene is associated with progression in the seminoma subtype of testicular germ cell tumors of adolescents and adults. <i>Cancer Research</i> , 2005 , 65, 8085-9	10.1	130
294	CD30 is a survival factor and a biomarker for transformed human pluripotent stem cells. <i>Nature Biotechnology</i> , 2006 , 24, 351-7	44.5	129
293	Tumor risk in disorders of sex development. <i>Sexual Development</i> , 2010 , 4, 259-69	1.6	127
292	Stem cell factor receptor (c-KIT) codon 816 mutations predict development of bilateral testicular germ-cell tumors. <i>Cancer Research</i> , 2003 , 63, 7674-8	10.1	127
291	Overrepresentation of the short arm of chromosome 12 is related to invasive growth of human testicular seminomas and nonseminomas. <i>Oncogene</i> , 2000 , 19, 5858-62	9.2	125
290	Non-pheochromocytoma (PCC)/paraganglioma (PGL) tumors in patients with succinate dehydrogenase-related PCC-PGL syndromes: a clinicopathological and molecular analysis. <i>European Journal of Endocrinology</i> , 2014 , 170, 1-12	6.5	122
289	Why human extragonadal germ cell tumours occur in the midline of the body: old concepts, new perspectives. <i>Journal of Developmental and Physical Disabilities</i> , 2007 , 30, 256-63; discussion 263-4		122
288	Successful treatment of low-grade oligodendroglial tumors with a chemotherapy regimen of procarbazine, lomustine, and vincristine. <i>Cancer</i> , 2005 , 103, 802-9	6.4	115
287	Stem cell factor as a novel diagnostic marker for early malignant germ cells. <i>Journal of Pathology</i> , 2008 , 216, 43-54	9.4	113
286	Differentiation and development of human female germ cells during prenatal gonadogenesis: an immunohistochemical study. <i>Human Reproduction</i> , 2005 , 20, 1466-76	5.7	110
285	Role of P53 and MDM2 in treatment response of human germ cell tumors. <i>Journal of Clinical Oncology</i> , 2002 , 20, 1551-61	2.2	109
284	Further characterization of the first seminoma cell line TCam-2. <i>Genes Chromosomes and Cancer</i> , 2008 , 47, 185-96	5	108
283	Role of gain of 12p in germ cell tumour development. <i>Apmsis</i> , 2003 , 111, 161-71; discussion 172-3	3.4	106
282	No recurrent structural abnormalities apart from i(12p) in primary germ cell tumors of the adult testis. <i>Genes Chromosomes and Cancer</i> , 1995 , 14, 133-44	5	106
281	Targeted serum miRNA (TSmiR) test for diagnosis and follow-up of (testicular) germ cell cancer patients: a proof of principle. <i>Molecular Oncology</i> , 2013 , 7, 1083-92	7.9	104
280	Expression and interdependencies of pluripotency factors LIN28, OCT3/4, NANOG and SOX2 in human testicular germ cells and tumours of the testis. <i>Journal of Developmental and Physical Disabilities</i> , 2011 , 34, e160-74		103
279	Testicular microlithiasis and carcinoma in situ overview and proposed clinical guideline. <i>Journal of Developmental and Physical Disabilities</i> , 2009 , 32, 279-87		101
278	Bilateral testicular microlithiasis predicts the presence of the precursor of testicular germ cell tumors in subfertile men. <i>Journal of Urology</i> , 2004 , 171, 158-60	2.5	100

277	Gonadal pathology and tumor risk in relation to clinical characteristics in patients with 45,X/46,XY mosaicism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1171-80	5.6	98
276	FOXL2 and SOX9 as parameters of female and male gonadal differentiation in patients with various forms of disorders of sex development (DSD). <i>Journal of Pathology</i> , 2008 , 215, 31-8	9.4	96
275	Identification of the critical region of 12p over-representation in testicular germ cell tumors of adolescents and adults. <i>Oncogene</i> , 1998 , 16, 2617-27	9.2	95
274	Restricted 12p amplification and RAS mutation in human germ cell tumors of the adult testis. <i>American Journal of Pathology</i> , 2000 , 157, 1155-66	5.8	93
273	Stem cell marker OCT3/4 in tumor biology and germ cell tumor diagnostics: history and future. <i>Critical Reviews in Oncogenesis</i> , 2006 , 12, 171-203	1.3	93
272	Widespread somatic L1 retrotransposition occurs early during gastrointestinal cancer evolution. <i>Genome Research</i> , 2015 , 25, 1536-45	9.7	92
271	A pipeline to quantify serum and cerebrospinal fluid microRNAs for diagnosis and detection of relapse in paediatric malignant germ-cell tumours. <i>British Journal of Cancer</i> , 2016 , 114, 151-62	8.7	91
270	The PTEN gene in locally progressive prostate cancer is preferentially inactivated by bi-allelic gene deletion. <i>Journal of Pathology</i> , 2006 , 208, 699-707	9.4	90
269	Germ cell neoplasia in situ (GCNIS): evolution of the current nomenclature for testicular pre-invasive germ cell malignancy. <i>Histopathology</i> , 2016 , 69, 7-10	7.3	90
268	Microsatellite instability of germ cell tumors is associated with resistance to systemic treatment. <i>Cancer Research</i> , 2002 , 62, 2758-60	10.1	90
267	Molecular determinants of treatment response in human germ cell tumors. <i>Clinical Cancer Research</i> , 2003 , 9, 767-73	12.9	89
266	Sequence analysis of the protein kinase gene family in human testicular germ-cell tumors of adolescents and adults. <i>Genes Chromosomes and Cancer</i> , 2006 , 45, 42-6	5	88
265	Reactivity of germ cell maturation stage-specific markers in spermatocytic seminoma: diagnostic and etiological implications. <i>Laboratory Investigation</i> , 2001 , 81, 919-28	5.9	88
264	Expression of BLIMP1/PRMT5 and concurrent histone H2A/H4 arginine 3 dimethylation in fetal germ cells, CIS/IGCNU and germ cell tumors. <i>BMC Developmental Biology</i> , 2008 , 8, 106	3.1	87
263	Comparative genomic and in situ hybridization of germ cell tumors of the infantile testis. <i>Laboratory Investigation</i> , 2000 , 80, 1055-64	5.9	84
262	Comparative analysis of cell surface antigens expressed by cell lines derived from human germ cell tumours. <i>International Journal of Cancer</i> , 1996 , 66, 806-16	7.5	82
261	Endogenous Nodal signaling regulates germ cell potency during mammalian testis development. <i>Development (Cambridge)</i> , 2012 , 139, 4123-32	6.6	81
260	Human germ cell tumours from a developmental perspective. <i>Nature Reviews Cancer</i> , 2019 , 19, 522-537	31.3	80

259	A 40-YEAR-OLD WOMAN WITH A PROGRESSIVE PERIVENTRICULAR WHITE MATTER LESION. <i>Brain Pathology</i> , 2008 , 18, 142-142	6	78
258	Somatic mutations of KIT in familial testicular germ cell tumours. <i>British Journal of Cancer</i> , 2004 , 90, 2398-401	7	77
257	Expression of the PDGF alpha-receptor 1.5 kb transcript, OCT-4, and c-KIT in human normal and malignant tissues. Implications for the early diagnosis of testicular germ cell tumours and for our understanding of regulatory mechanisms. <i>Journal of Pathology</i> , 2002 , 196, 467-77	9.4	76
256	Human testicular (non)seminomatous germ cell tumours: the clinical implications of recent pathobiological insights. <i>Journal of Pathology</i> , 2009 , 218, 146-62	9.4	75
255	Gonadal tumours and DSD. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2010 , 24, 291-310	6.5	73
254	IGF2/H19 imprinting analysis of human germ cell tumors (GCTs) using the methylation-sensitive single-nucleotide primer extension method reflects the origin of GCTs in different stages of primordial germ cell development. <i>Genes Chromosomes and Cancer</i> , 2005 , 44, 256-64	5	73
253	A genetic screen implicates miRNA-372 and miRNA-373 as oncogenes in testicular germ cell tumors. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 604, 17-46	3.6	71
252	Gonadal maldevelopment as risk factor for germ cell cancer: towards a clinical decision model. <i>European Urology</i> , 2015 , 67, 692-701	10.2	70
251	The Y-encoded TSPY protein: a significant marker potentially plays a role in the pathogenesis of testicular germ cell tumors. <i>Human Pathology</i> , 2007 , 38, 1470-81	3.7	70
250	12p-amplicon structure analysis in testicular germ cell tumors of adolescents and adults by array CGH. <i>Oncogene</i> , 2003 , 22, 7695-701	9.2	68
249	NR5A1 is a novel disease gene for 46,XX testicular and ovotesticular disorders of sex development. <i>Genetics in Medicine</i> , 2017 , 19, 367-376	8.1	67
248	Comparative genomic hybridization of microdissected samples from different stages in the development of a seminoma and a non-seminoma. <i>Journal of Pathology</i> , 2000 , 191, 187-92	9.4	67
247	Mutation in the type IB bone morphogenetic protein receptor Alk6b impairs germ-cell differentiation and causes germ-cell tumors in zebrafish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 13153-8	11.5	66
246	Accurate primary germ cell cancer diagnosis using serum based microRNA detection (ampTSMiR test). <i>Oncotarget</i> , 2017 , 8, 58037-58049	3.3	66
245	Serum miRNA Predicts Viable Disease after Chemotherapy in Patients with Testicular Nonseminoma Germ Cell Tumor. <i>Journal of Urology</i> , 2018 , 200, 126-135	2.5	65
244	VASA is a specific marker for both normal and malignant human germ cells. <i>Laboratory Investigation</i> , 2002 , 82, 159-66	5.9	65
243	New insights into type II germ cell tumor pathogenesis based on studies of patients with various forms of disorders of sex development (DSD). <i>Molecular and Cellular Endocrinology</i> , 2008 , 291, 1-10	4.4	64
242	Chromosomes and expression in human testicular germ-cell tumors: insight into their cell of origin and pathogenesis. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1120, 187-214	6.5	64

241	Human Germ Cell Tumors are Developmental Cancers: Impact of Epigenetics on Pathobiology and Clinic. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	64
240	Gonadal development and tumor formation at the crossroads of male and female sex determination. <i>Sexual Development</i> , 2011 , 5, 167-80	1.6	61
239	Distinct p53-independent apoptotic cell death signalling pathways in testicular germ cell tumour cell lines. <i>International Journal of Cancer</i> , 1999 , 81, 620-8	7.5	61
238	Pallister-Killian syndrome: characterization of the isochromosome 12p by fluorescent in situ hybridization. <i>American Journal of Medical Genetics Part A</i> , 1991 , 41, 381-7		61
237	Unique expression patterns of H19 in human testicular cancers of different etiology. <i>Oncogene</i> , 1997 , 14, 95-107	9.2	60
236	Germ cell lineage differentiation in non-seminomatous germ cell tumours. <i>Journal of Pathology</i> , 2006 , 208, 395-400	9.4	60
235	Localization and polymorphism of a chromosome 12-specific alpha satellite DNA sequence. <i>Cytogenetic and Genome Research</i> , 1990 , 53, 216-8	1.9	59
234	Disorders of sex development: update on the genetic background, terminology and risk for the development of germ cell tumors. <i>World Journal of Pediatrics</i> , 2009 , 5, 93-102	4.6	56
233	Heterogeneous X inactivation in trophoblastic cells of human full-term female placentas. <i>American Journal of Human Genetics</i> , 1999 , 64, 1445-52	11	56
232	Aneuploidy of human testicular germ cell tumors is associated with amplification of centrosomes. <i>Oncogene</i> , 2003 , 22, 3859-66	9.2	55
231	Human growth-differentiation factor 3 (hGDF3): developmental regulation in human teratocarcinoma cell lines and expression in primary testicular germ cell tumours. <i>Oncogene</i> , 1998 , 16, 95-103	9.2	54
230	Dissecting the molecular pathways of (testicular) germ cell tumour pathogenesis; from initiation to treatment-resistance. <i>Journal of Developmental and Physical Disabilities</i> , 2011 , 34, e234-51		53
229	Contributions of intrinsic mutation rate and selfish selection to levels of de novo HRAS mutations in the paternal germline. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 20152-7	11.5	51
228	Genome wide DNA methylation profiles provide clues to the origin and pathogenesis of germ cell tumors. <i>PLoS ONE</i> , 2015 , 10, e0122146	3.7	50
227	NANOG promoter methylation and expression correlation during normal and malignant human germ cell development. <i>Epigenetics</i> , 2011 , 6, 114-22	5.7	50
226	Chromosomal constitution and developmental potential of human germ cell tumors and teratomas. <i>Cancer Genetics and Cytogenetics</i> , 1997 , 95, 96-102		49
225	An oncofetal and developmental perspective on testicular germ cell cancer. <i>Seminars in Cancer Biology</i> , 2014 , 29, 59-74	12.7	48
224	Managing the risk of germ cell tumourigenesis in disorders of sex development patients. <i>Endocrine Development</i> , 2014 , 27, 185-96		47

223	Recent developments in testicular germ cell tumor research. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2009 , 87, 96-113		47
222	Chromosomal constitution of human spermatocytic seminomas: Comparative genomic hybridization supported by conventional and interphase cytogenetics 1998 , 23, 286-291		47
221	microRNA-371a-3p as informative biomarker for the follow-up of testicular germ cell cancer patients. <i>Cellular Oncology (Dordrecht)</i> , 2017 , 40, 379-388	7.2	46
220	Identification of lineage-uncommitted, long-lived, label-retaining cells in healthy human esophagus and stomach, and in metaplastic esophagus. <i>Gastroenterology</i> , 2013 , 144, 761-70	13.3	46
219	Disorders of sex development: summaries of long-term outcome studies. <i>Journal of Pediatric Urology</i> , 2012 , 8, 616-23	1.5	46
218	Specific detection of OCT3/4 isoform A/B/B1 expression in solid (germ cell) tumours and cell lines: confirmation of OCT3/4 specificity for germ cell tumours. <i>British Journal of Cancer</i> , 2011 , 105, 854-63	8.7	46
217	Involvement of E-cadherin and beta-catenin in germ cell tumours and in normal male fetal germ cell development. <i>Journal of Pathology</i> , 2004 , 204, 167-74	9.4	46
216	N- and KRAS mutations in primary testicular germ cell tumors: incidence and possible biological implications. <i>Genes Chromosomes and Cancer</i> , 1995 , 12, 110-6	5	46
215	Complete androgen insensitivity syndrome: factors influencing gonadal histology including germ cell pathology. <i>Modern Pathology</i> , 2014 , 27, 721-30	9.8	45
214	Review of recent outcome data of disorders of sex development (DSD): emphasis on surgical and sexual outcomes. <i>Journal of Pediatric Urology</i> , 2012 , 8, 611-5	1.5	45
213	Molecular markers predict outcome in squamous cell carcinoma of the head and neck after concomitant cisplatin-based chemoradiation. <i>International Journal of Cancer</i> , 2009 , 124, 2643-50	7.5	45
212	The distribution and behavior of extragonadal primordial germ cells in Bax mutant mice suggest a novel origin for sacrococcygeal germ cell tumors. <i>International Journal of Developmental Biology</i> , 2008 , 52, 333-44	1.9	45
211	Raman spectroscopic analysis identifies testicular microlithiasis as intratubular hydroxyapatite. <i>Journal of Urology</i> , 2004 , 171, 92-6	2.5	45
210	Allelic losses in carcinoma in situ and testicular germ cell tumours of adolescents and adults: evidence suggestive of the linear progression model. <i>British Journal of Cancer</i> , 2000 , 83, 729-36	8.7	45
209	Genetic aspects of testicular germ cell tumors. <i>Cell Cycle</i> , 2008 , 7, 3519-24	4.7	44
208	Maturation delay of germ cells in fetuses with trisomy 21 results in increased risk for the development of testicular germ cell tumors. <i>Human Pathology</i> , 2006 , 37, 101-11	3.7	43
207	Coamplification of DAD-R, SOX5, and EKI1 in human testicular seminomas, with specific overexpression of DAD-R, correlates with reduced levels of apoptosis and earlier clinical manifestation. <i>Cancer Research</i> , 2002 , 62, 1822-31	10.1	43
206	DNA methylation profiles delineate epigenetic heterogeneity in seminoma and non-seminoma. <i>British Journal of Cancer</i> , 2012 , 106, 414-23	8.7	42

205	Testicular cancer: biology and biomarkers. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014 , 464, 301-13	5.1	41
204	Therapeutic potential of Mdm2 inhibition in malignant germ cell tumours. <i>European Urology</i> , 2010 , 57, 679-87	10.2	41
203	Cytogenetic evidence that carcinoma in situ is the precursor lesion for invasive testicular germ cell tumors. <i>Cancer Genetics and Cytogenetics</i> , 1995 , 85, 133-7		41
202	Malignant testicular germ cell tumors in postpubertal individuals with androgen insensitivity: prevalence, pathology and relevance of single nucleotide polymorphism-based susceptibility profiling. <i>Human Reproduction</i> , 2017 , 32, 2561-2573	5.7	40
201	A multi-exon deletion within WWOX is associated with a 46,XY disorder of sex development. <i>European Journal of Human Genetics</i> , 2012 , 20, 348-51	5.3	40
200	Resistance to platinum-containing chemotherapy in testicular germ cell tumors is associated with downregulation of the protein kinase SRPK1. <i>Neoplasia</i> , 2004 , 6, 297-301	6.4	40
199	Identification of known and novel germ cell cancer-specific (embryonic) miRs in serum by high-throughput profiling. <i>Andrology</i> , 2015 , 3, 85-91	4.2	39
198	Noninvasive detection of testicular carcinoma in situ in semen using OCT3/4. <i>European Urology</i> , 2008 , 54, 153-8	10.2	39
197	Heterogeneous distribution of ITGCNU in an adult testis: consequences for biopsy-based diagnosis. <i>International Journal of Surgical Pathology</i> , 2008 , 16, 21-4	1.2	39
196	Relevance of microRNAs in normal and malignant development, including human testicular germ cell tumours. <i>Journal of Developmental and Physical Disabilities</i> , 2007 , 30, 304-14; discussion 314-5		39
195	Genes, chromosomes and the development of testicular germ cell tumors of adolescents and adults. <i>Genes Chromosomes and Cancer</i> , 2008 , 47, 547-57	5	39
194	Identification and Validation Model for Informative Liquid Biopsy-Based microRNA Biomarkers: Insights from Germ Cell Tumor In Vitro, In Vivo and Patient-Derived Data. <i>Cells</i> , 2019 , 8,	7.9	39
193	Application of miRNAs in the diagnosis and monitoring of testicular germ cell tumours. <i>Nature Reviews Urology</i> , 2020 , 17, 201-213	5.5	38
192	The predictive value of testicular ultrasound abnormalities for carcinoma in situ of the testis in men at risk for testicular cancer. <i>Journal of Developmental and Physical Disabilities</i> , 2010 , 33, 597-603		38
191	Pubertal androgenization and gonadal histology in two 46,XY adolescents with NR5A1 mutations and predominantly female phenotype at birth. <i>European Journal of Endocrinology</i> , 2012 , 166, 341-9	6.5	38
190	Identification of recurrent chromosomal aberrations in germ cell tumors of neonates and infants using genomewide array-based comparative genomic hybridization. <i>Genes Chromosomes and Cancer</i> , 2005 , 43, 367-76	5	38
189	Update on the Pathophysiology and Risk Factors for the Development of Malignant Testicular Germ Cell Tumors in Complete Androgen Insensitivity Syndrome. <i>Sexual Development</i> , 2017 , 11, 175-181 ^{1.6}		37
188	Development of malignant germ cells - the genvironmental hypothesis. <i>International Journal of Developmental Biology</i> , 2013 , 57, 241-53	1.9	37

187	Down-regulation of oestrogen receptor- β associates with transcriptional co-regulator PATZ1 delocalization in human testicular seminomas. <i>Journal of Pathology</i> , 2011 , 224, 110-20	9.4	37
186	Mutation analysis of the LH receptor gene in Leydig cell adenoma and hyperplasia and functional and biochemical studies of activating mutations of the LH receptor gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1197-205	5.6	37
185	H19 in normal development and neoplasia. <i>Molecular Reproduction and Development</i> , 1997 , 46, 419-39	2.6	36
184	Absence of c-KIT and members of the epidermal growth factor receptor family in refractory germ cell cancer. <i>Cancer</i> , 2002 , 95, 301-8	6.4	36
183	Imprints and DPPA3 are bypassed during pluripotency- and differentiation-coupled methylation reprogramming in testicular germ cell tumors. <i>Genome Research</i> , 2016 , 26, 1490-1504	9.7	35
182	Defining minimum genomic regions of imbalance involved in testicular germ cell tumors of adolescents and adults through genome wide microarray analysis of cDNA clones. <i>Oncogene</i> , 2004 , 23, 9142-7	9.2	35
181	Cancer stem cells, pluripotency, and cellular heterogeneity: a WNTer perspective. <i>Current Topics in Developmental Biology</i> , 2014 , 107, 373-404	5.3	34
180	Xeroderma pigmentosum group a protein and chemotherapy resistance in human germ cell tumors. <i>Laboratory Investigation</i> , 2003 , 83, 1489-95	5.9	34
179	Rectal adenocarcinoma with choriocarcinomatous differentiation: clinical and genetic aspects. <i>Human Pathology</i> , 2004 , 35, 1427-30	3.7	34
178	A molecular model for the development of germ cell cancer. <i>International Journal of Cancer</i> , 1999 , 83, 809-14	7.5	34
177	Clinical utility of plasma miR-371a-3p in germ cell tumors. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 1128-1136	5.6	33
176	A pathologist's view on the testis biopsy. <i>Journal of Developmental and Physical Disabilities</i> , 2011 , 34, e14-9; discussion e20		33
175	Genomic copy number and expression patterns in testicular germ cell tumours. <i>British Journal of Cancer</i> , 2007 , 97, 1707-12	8.7	33
174	Intratubular germ cell neoplasia of the human testis: heterogeneous protein expression and relation to invasive potential. <i>Modern Pathology</i> , 2014 , 27, 1255-1266	9.8	32
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18	MET ectodomain shedding is associated with poor disease-free survival of patients diagnosed with oral squamous cell carcinoma. <i>Modern Pathology</i> , 2020 , 33, 1015-1032	9.8	1
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15	Screening for cancers with a good prognosis: The case of testicular germ cell cancer. <i>Cancer Medicine</i> , 2021 , 10, 2897-2903	4.8	1
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