Leendert H J Looijenga

List of Publications by Year in Descending Order

330 papers	21,672 citations	75 h-index	136 g-index
349 ext. papers	24,211 ext. citations	6.8 avg, IF	6.47 L-index

#	Paper	IF	Citations
330	Chromosome 3p25.3 Gain Is Associated With Cisplatin Resistance and Is an Independent Predictor of Poor Outcome in Male Malignant Germ Cell Tumors.. *Journal of Clinical Oncology*, **2022**, JCO2102809	2.2	0
329	Combining Hypermethylated Detection Using ddPCR with miR-371a-3p Testing: An Improved Panel of Liquid Biopsy Biomarkers for Testicular Germ Cell Tumor Patients. *Cancers*, **2021**, 13,	6.6	4
328	The Role of in Cisplatin Resistance in Mediastinal and Testicular Germ Cell Tumors. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
327	Promoter methylation of DNA homologous recombination genes is predictive of the responsiveness to PARP inhibitor treatment in testicular germ cell tumors. *Molecular Oncology*, **2021**, 15, 846-865	7.9	7
326	Screening for cancers with a good prognosis: The case of testicular germ cell cancer. *Cancer Medicine*, **2021**, 10, 2897-2903	4.8	1
325	The Potential of MET Immunoreactivity for Prediction of Lymph Node Metastasis in Early Oral Tongue Squamous Cell Carcinoma. *Frontiers in Oncology*, **2021**, 11, 638048	5.3	1
324	Differential methylation EPIC analysis discloses cisplatin-resistance related hypermethylation and tumor-specific heterogeneity within matched primary and metastatic testicular germ cell tumor patient tissue samples. *Clinical Epigenetics*, **2021**, 13, 70	7.7	5
323	Mechanisms of TP53 Pathway Inactivation in Embryonic and Somatic Cells-Relevance for Understanding (Germ Cell) Tumorigenesis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
322	Utility of Serum miR-371a-3p in Predicting Relapse on Surveillance in Patients with Clinical Stage I Testicular Germ Cell Cancer. *European Urology Oncology*, **2021**, 4, 483-491	6.7	11
321	Targeting Germ Cell Tumors with the Newly Synthesized Flavanone-Derived Compound MLo1302 Efficiently Reduces Tumor Cell Viability and Induces Apoptosis and Cell Cycle Arrest. *Pharmaceutics*, **2021**, 13,	6.4	7
320	Evaluation of an Algorithm for Testis-Sparing Surgery in Boys with Testicular Tumors: A Retrospective Cohort Study. *Surgeries*, **2021**, 2, 9-19	0.4	
319	Recurrence of a Mediastinal Germ-Cell Tumor as a Somatic-Type Malignancy: A Complex Case Report. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
318	The component of the mA writer complex VIRMA is implicated in aggressive tumor phenotype, DNA damage response and cisplatin resistance in germ cell tumors. *Journal of Experimental and Clinical Cancer Research*, **2021**, 40, 268	12.8	8
317	Circulating MicroRNAs, the Next-Generation Serum Biomarkers in Testicular Germ Cell Tumours: A Systematic Review. *European Urology*, **2021**, 80, 456-466	10.2	10
316	Paclitaxel, Ifosfamide, and Cisplatin in Patients with Poor-prognosis Disseminated Nonseminomatous Germ Cell Tumors with Unfavorable Serum Tumor Marker Decline After First Cycle of Chemotherapy. The GCT-SK-003 Phase II Trial. *European Urology Open Science*, **2021**, 33, 19-27	0.9	1
315	Report From the International Society of Urological Pathology (ISUP) Consultation Conference on Molecular Pathology of Urogenital Cancers: IV: Current and Future Utilization of Molecular-Genetic Tests for Testicular Germ Cell Tumors. *American Journal of Surgical Pathology*, **2020**, 44, e66-e79	6.7	14
314	Comparing genome-scale DNA methylation and CNV marks between adult human cultured ITGA6+ testicular cells and seminomas to assess in vitro genomic stability. *PLoS ONE*, **2020**, 15, e0230253	3.7	4

313	Application of miRNAs in the diagnosis and monitoring of testicular germ cell tumours. *Nature Reviews Urology*, **2020**, 17, 201-213	5.5	38
312	CRIPTO and miR-371a-3p Are Serum Biomarkers of Testicular Germ Cell Tumors and Are Detected in Seminal Plasma from Azoospermic Males. *Cancers*, **2020**, 12,	6.6	5
311	Age-Dependent Presentation and Clinical Course of 1465 Patients Aged 0 to Less than 18 Years with Ovarian or Testicular Germ Cell Tumors; Data of the MAKEI 96 Protocol Revisited in the Light of Prenatal Germ Cell Biology. *Cancers*, **2020**, 12,	6.6	12
310	Mediastinal germ cell tumors: many questions and perhaps an answer. *Journal of Clinical Investigation*, **2020**, 130, 6238-6241	15.9	2
309	MET ectodomain shedding is associated with poor disease-free survival of patients diagnosed with oral squamous cell carcinoma. *Modern Pathology*, **2020**, 33, 1015-1032	9.8	1
308	Lymphovascular invasion and presence of embryonal carcinoma as risk factors for occult metastatic disease in clinical stage I nonseminomatous germ cell tumour: a systematic review and meta-analysis. *BJU International*, **2020**, 125, 355-368	5.6	9
307	Differential expression of DNA methyltransferases and demethylases among the various testicular germ cell tumor subtypes. *Epigenomics*, **2020**, 12, 1579-1592	4.4	5
306	Efficacy of HDAC Inhibitors Belinostat and Panobinostat against Cisplatin-Sensitive and Cisplatin-Resistant Testicular Germ Cell Tumors. *Cancers*, **2020**, 12,	6.6	12
305	Prediction of relapse in stage I testicular germ cell tumor patients on surveillance: investigation of biomarkers. *BMC Cancer*, **2020**, 20, 728	4.8	2
304	Effect of neoadjuvant chemoradiotherapy on p53 and SOX2 protein expression in esophageal adenocarcinoma. *Biomarkers in Medicine*, **2020**, 14, 785-793	2.3	0
303	Napabucasin overcomes cisplatin resistance in ovarian germ cell tumor-derived cell line by inhibiting cancer stemness. *Cancer Cell International*, **2020**, 20, 364	6.4	11
302	The decisive role of molecular pathology in presumed somatic metastases of type II testicular germ cell tumors: report of 2 cases. *Diagnostic Pathology*, **2020**, 15, 99	3	2
301	A novel immunohistochemical scoring system reveals associations of C-terminal MET, ectodomain shedding, and loss of E-cadherin with poor prognosis in oral squamous cell carcinoma. *Human Pathology*, **2020**, 104, 42-53	3.7	2
300	Testis Sparing Surgery in Pediatric Testicular Tumors. *Cancers*, **2020**, 12,	6.6	1
299	Malignant recurrence after mature Sacrococcygeal teratoma: A meta-analysis and review of the literature. *Critical Reviews in Oncology/Hematology*, **2020**, 156, 103140	7	1
298	Widening the spectrum of Lynch syndrome: first report of testicular seminoma attributable to MSH2 loss. *Histopathology*, **2020**, 76, 486-489	7.3	4
297	Under-reported aspects of diagnosis and treatment addressed in the Dutch-Flemish guideline for comprehensive diagnostics in disorders/differences of sex development. *Journal of Medical Genetics*, **2020**, 57, 581-589	5.8	2
296	Predicting Gonadal Germ Cell Cancer in People with Disorders of Sex Development; Insights from Developmental Biology. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	16

295	Ectopic activation of WNT signaling in human embryonal carcinoma cells and its effects in short- and long-term in vitro culture. *Scientific Reports*, **2019**, 9, 11928	4.9	3
294	Clinical but Not Histological Outcomes in Males With 45,X/46,XY Mosaicism Vary Depending on Reason for Diagnosis. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 4366-4381	5.6	14
293	-Promoter Demethylation as Tissue Biomarker for Testicular Germ Cell Tumors and Spermatogenesis Quality. *Cancers*, **2019**, 11,	6.6	19
292	Do pathologists agree with each other on the histological assessment of pT1b oesophageal adenocarcinoma?. *United European Gastroenterology Journal*, **2019**, 7, 261-269	5.3	4
291	Clinical utility of plasma miR-371a-3p in germ cell tumors. *Journal of Cellular and Molecular Medicine* , **2019**, 23, 1128-1136	5.6	33
290	Molecular heterogeneity and early metastatic clone selection in testicular germ cell cancer development. *British Journal of Cancer*, **2019**, 120, 444-452	8.7	21
289	Human germ cell tumours from a developmental perspective. *Nature Reviews Cancer*, **2019**, 19, 522-537	31.3	80
288	Olfactomedin 4 (OLFM4) expression is associated with nodal metastases in esophageal adenocarcinoma. *PLoS ONE*, **2019**, 14, e0219494	3.7	3
287	miR-371a-3p, miR-373-3p and miR-367-3p as Serum Biomarkers in Metastatic Testicular Germ Cell Cancers Before, During and After Chemotherapy. *Cells*, **2019**, 8,	7.9	21
286	Interobserver Agreement in Vascular Invasion Scoring and the Added Value of Immunohistochemistry for Vascular Markers to Predict Disease Relapse in Stage I Testicular Nonseminomas. *American Journal of Surgical Pathology*, **2019**, 43, 1711-1719	6.7	8
285	Response to Letter to the Editor: "Clinical but Not Histological Outcomes in Males With 45,X/46,XY Mosaicism Vary Depending on Reason for Diagnosis". *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 5812-5813	5.6	
284	Identification and Validation Model for Informative Liquid Biopsy-Based microRNA Biomarkers: Insights from Germ Cell Tumor In Vitro, In Vivo and Patient-Derived Data. *Cells*, **2019**, 8,	7.9	39
283	Cell-free MicroRNA miR-505-3p in Graft Preservation Fluid Is an Independent Predictor of Delayed Graft Function After Kidney Transplantation. *Transplantation*, **2019**, 103, 329-335	1.8	14
282	Human Germ Cell Tumors are Developmental Cancers: Impact of Epigenetics on Pathobiology and Clinic. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	64
281	NR5A1 gene variants repress the ovarian-specific WNT signaling pathway in 46,XX disorders of sex development patients. *Human Mutation*, **2019**, 40, 207-216	4.7	13
280	EGF Receptor and mTORC1 Are Novel Therapeutic Targets in Nonseminomatous Germ Cell Tumors. *Molecular Cancer Therapeutics*, **2018**, 17, 1079-1089	6.1	10
279	Serum miRNA Predicts Viable Disease after Chemotherapy in Patients with Testicular Nonseminoma Germ Cell Tumor. *Journal of Urology*, **2018**, 200, 126-135	2.5	65
278	SNPitty: An Intuitive Web Application for Interactive B-Allele Frequency and Copy Number Visualization of Next-Generation Sequencing Data. *Journal of Molecular Diagnostics*, **2018**, 20, 166-176	5.1	11

277	Biallelic and monoallelic ESR2 variants associated with 46,XY disorders of sex development. *Genetics in Medicine*, **2018**, 20, 717-727	8.1	16
276	Functional characterization of novel NR5A1 variants reveals multiple complex roles in disorders of sex development. *Human Mutation*, **2018**, 39, 124-139	4.7	27
275	Multiparameter Investigation of a 46,XX/46,XY Tetragametic Chimeric Phenotypical Male Patient with Bilateral Scrotal Ovotestes and Ovulatory Activity. *Sexual Development*, **2018**, 12, 145-154	1.6	5
274	Serum microRNA profiles in athyroid patients on and off levothyroxine therapy. *PLoS ONE*, **2018**, 13, e0194259	3.7	6
273	Improved Progression Prediction in Barrett's Esophagus With Low-grade Dysplasia Using Specific Histologic Criteria. *American Journal of Surgical Pathology*, **2018**, 42, 918-926	6.7	8
272	Integrated Molecular Characterization of Testicular Germ Cell Tumors. *Cell Reports*, **2018**, 23, 3392-3406	10.6	200
271	Clinical utility of plasma miR-371a-3p in testicular germ cell tumors.. *Journal of Clinical Oncology*, **2018**, 36, e16540-e16540	2.2	3
270	c-MET receptor as potential biomarker and target molecule for malignant testicular germ cell tumors. *Oncotarget*, **2018**, 9, 31842-31860	3.3	7
269	The MicroRNA-371 Family as Plasma Biomarkers for Monitoring Undifferentiated and Potentially Malignant Human Pluripotent Stem Cells in Teratoma Assays. *Stem Cell Reports*, **2018**, 11, 1493-1505	8	17
268	Histological Assessment of Gonads in DSD: Relevance for Clinical Management. *Sexual Development* , **2018**, 12, 106-122	1.6	25
267	TargetClone: A multi-sample approach for reconstructing subclonal evolution of tumors. *PLoS ONE*, **2018**, 13, e0208002	3.7	5
266	Germ Cell Tumors: Pathology and Genetics **2018**, 121-121		
265	Testicular cancer. *Nature Reviews Disease Primers*, **2018**, 4, 29	51.1	164
264	Management of Gonads in Adults with Androgen Insensitivity: An International Survey. *Hormone Research in Paediatrics*, **2018**, 90, 236-246	3.3	18
263	P53 and SOX2 Protein Expression Predicts Esophageal Adenocarcinoma in Response to Neoadjuvant Chemoradiotherapy. *Annals of Surgery*, **2017**, 265, 347-355	7.8	6
262	Response to commentary to "Gonadal dysgenesis in disorders of sex development (DSD): Diagnosis and surgical management" *Journal of Pediatric Urology*, **2017**, 13, 116	1.5	2
261	microRNA-371a-3p as informative biomarker for the follow-up of testicular germ cell cancer patients. *Cellular Oncology (Dordrecht)*, **2017**, 40, 379-388	7.2	46
260	Update on the Pathophysiology and Risk Factors for the Development of Malignant Testicular Germ Cell Tumors in Complete Androgen Insensitivity Syndrome. *Sexual Development*, **2017**, 11, 175-181	1.6	37

259	Loss of SRY-box2 (SOX2) expression and its impact on survival of patients with oesophageal adenocarcinoma. *British Journal of Surgery*, **2017**, 104, 1327-1337	5.3	7
258	VASA mRNA (DDX4) detection is more specific than immunohistochemistry using poly- or monoclonal antibodies for germ cells in the male urogenital tract. *Medicine (United States)*, **2017**, 96, e7489	1.8	3
257	Adrenal Cushing's syndrome during pregnancy. *European Journal of Endocrinology*, **2017**, 177, K13-K20	6.5	22
256	DOC1-Dependent Recruitment of NURD Reveals Antagonism with SWI/SNF during Epithelial-Mesenchymal Transition in Oral Cancer Cells. *Cell Reports*, **2017**, 20, 61-75	10.6	31
255	NR5A1 is a novel disease gene for 46,XX testicular and ovotesticular disorders of sex development. *Genetics in Medicine*, **2017**, 19, 367-376	8.1	67
254	The biology of germ cell tumors in disorders of sex development. *Clinical Genetics*, **2017**, 91, 292-301	4	26
253	Malignant testicular germ cell tumors in postpubertal individuals with androgen insensitivity: prevalence, pathology and relevance of single nucleotide polymorphism-based susceptibility profiling. *Human Reproduction*, **2017**, 32, 2561-2573	5.7	40
252	A Rare Case of Embryonal Carcinoma in a Patient with Turner Syndrome without Y Chromosomal Material but Mutations in KIT, AKT1, and ZNF358 Demonstrated Using Exome Sequencing. *Sexual Development*, **2017**, 11, 262-268	1.6	5
251	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
250	Use of immunohistochemical biomarkers as independent predictor of neoplastic progression in Barrett's oesophagus surveillance: A systematic review and meta-analysis. *PLoS ONE*, **2017**, 12, e0186305	3.7	19
249	Accurate primary germ cell cancer diagnosis using serum based microRNA detection (ampTSmiR test). *Oncotarget*, **2017**, 8, 58037-58049	3.3	66
248	Pattern of p53 protein expression is predictive for survival in chemoradiotherapy-naive esophageal adenocarcinoma. *Oncotarget*, **2017**, 8, 104123-104135	3.3	6
247	Germ Cell Tumors from a Developmental Perspective: Cells of Origin, Pathogenesis, and Molecular Biology (Emerging Patterns) **2017**, 23-129		10
246	Imprints and DPPA3 are bypassed during pluripotency- and differentiation-coupled methylation reprogramming in testicular germ cell tumors. *Genome Research*, **2016**, 26, 1490-1504	9.7	35
245	Gonadal dysgenesis in disorders of sex development: Diagnosis and surgical management. *Journal of Pediatric Urology*, **2016**, 12, 411-416	1.5	31
244	Value of cyclin A immunohistochemistry for cancer risk stratification in Barrett esophagus surveillance: A multicenter case-control study. *Medicine (United States)*, **2016**, 95, e5402	1.8	6
243	Cripto: Expression, epigenetic regulation and potential diagnostic use in testicular germ cell tumors. *Molecular Oncology*, **2016**, 10, 526-37	7.9	23
242	Global Disorders of Sex Development Update since 2006: Perceptions, Approach and Care. *Hormone Research in Paediatrics*, **2016**, 85, 158-80	3.3	379

241	A pipeline to quantify serum and cerebrospinal fluid microRNAs for diagnosis and detection of relapse in paediatric malignant germ-cell tumours. *British Journal of Cancer*, **2016**, 114, 151-62	8.7	91
240	Absent and abundant MET immunoreactivity is associated with poor prognosis of patients with oral and oropharyngeal squamous cell carcinoma. *Oncotarget*, **2016**, 7, 13167-81	3.3	11
239	MET expression during prostate cancer progression. *Oncotarget*, **2016**, 7, 31029-36	3.3	12
238	Hormonal evaluation in relation to phenotype and genotype in 286 patients with a disorder of sex development from Indonesia. *Clinical Endocrinology*, **2016**, 85, 247-57	3.4	14
237	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
236	Disorders of sex development: insights from targeted gene sequencing of a large international patient cohort. *Genome Biology*, **2016**, 17, 243	18.3	166
235	A MicroRNA Panel in Pancreatic Cyst Fluid for the Risk Stratification of Pancreatic Cysts in a Prospective Cohort. *Molecular Therapy - Nucleic Acids*, **2016**, 5, e350	10.7	10
234	Whole exome sequencing combined with linkage analysis identifies a novel 3 bp deletion in NR5A1. *European Journal of Human Genetics*, **2015**, 23, 486-93	5.3	23
233	Pediatric germ cell tumors presenting beyond childhood?. *Andrology*, **2015**, 3, 70-7	4.2	24
232	Widespread somatic L1 retrotransposition occurs early during gastrointestinal cancer evolution. *Genome Research*, **2015**, 25, 1536-45	9.7	92
231	SOX2 as a novel marker to predict neoplastic progression in Barrett© esophagus. *American Journal of Gastroenterology*, **2015**, 110, 1420-8	0.7	21
230	Gonadal maldevelopment as risk factor for germ cell cancer: towards a clinical decision model. *European Urology*, **2015**, 67, 692-701	10.2	70
229	Identification of known and novel germ cell cancer-specific (embryonic) miRs in serum by high-throughput profiling. *Andrology*, **2015**, 3, 85-91	4.2	39
228	Testes in infants with Prader-Willi syndrome: human chorionic gonadotropin treatment, surgery and histology. *Journal of Urology*, **2015**, 193, 291-8	2.5	22
227	Genome wide DNA methylation profiles provide clues to the origin and pathogenesis of germ cell tumors. *PLoS ONE*, **2015**, 10, e0122146	3.7	50
226	Breast Cancer Anti-Estrogen Resistance 4 (BCAR4) Drives Proliferation of IPH-926 lobular Carcinoma Cells. *PLoS ONE*, **2015**, 10, e0136845	3.7	22
225	Etiology and early pathogenesis of malignant testicular germ cell tumors: towards possibilities for preinvasive diagnosis. *Asian Journal of Andrology*, **2015**, 17, 381-93	2.8	19
224	Testicular cancer: biology and biomarkers. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2014**, 464, 301-13	5.1	41

223	Complete androgen insensitivity syndrome: factors influencing gonadal histology including germ cell pathology. *Modern Pathology*, **2014**, 27, 721-30	9.8	45
222	Proteome analysis of the effects of all-trans retinoic acid on human germ cell tumor cell lines. *Journal of Proteomics*, **2014**, 96, 300-13	3.9	12
221	Cancer stem cells, pluripotency, and cellular heterogeneity: a WNTer perspective. *Current Topics in Developmental Biology*, **2014**, 107, 373-404	5.3	34
220	An oncofetal and developmental perspective on testicular germ cell cancer. *Seminars in Cancer Biology*, **2014**, 29, 59-74	12.7	48
219	Testicular cancer: risk stratification in adolescents with nonseminoma. *Nature Reviews Urology*, **2014**, 11, 367-8	5.5	1
218	Intratubular germ cell neoplasia of the human testis: heterogeneous protein expression and relation to invasive potential. *Modern Pathology*, **2014**, 27, 1255-1266	9.8	32
217	DMRforPairs: identifying differentially methylated regions between unique samples using array based methylation profiles. *BMC Bioinformatics*, **2014**, 15, 141	3.6	16
216	Seminoma and embryonal carcinoma footprints identified by analysis of integrated genome-wide epigenetic and expression profiles of germ cell cancer cell lines. *PLoS ONE*, **2014**, 9, e98330	3.7	25
215	Aberrant SOX2 expression in colorectal cancers does not correlate with mucinous differentiation and gastric mucin MUC5AC expression. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2014**, 465, 395-400	5.1	4
214	Advances in molecular markers of germ cell cancer in patients with disorders of sex development. *Endocrine Development*, **2014**, 27, 172-84		2
213	Managing the risk of germ cell tumourigenesis in disorders of sex development patients. *Endocrine Development*, **2014**, 27, 185-96		47
212	Non-pheochromocytoma (PCC)/paraganglioma (PGL) tumors in patients with succinate dehydrogenase-related PCC-PGL syndromes: a clinicopathological and molecular analysis. *European Journal of Endocrinology*, **2014**, 170, 1-12	6.5	122
211	Role of SOX2 in the etiology of embryonal carcinoma, based on analysis of the NCCIT and NT2 cell lines. *PLoS ONE*, **2014**, 9, e83585	3.7	18
210	Testicular germ cell tumors. *Pediatric Endocrinology Reviews*, **2014**, 11 Suppl 2, 251-62	1.1	5
209	Establishment and characterization of a new human extragonadal germ cell line, SEM-1, and its comparison with TCam-2 and JKT-1. *Urology*, **2013**, 81, 464.e1-9	1.6	12
208	Targeted serum miRNA (TSmiR) test for diagnosis and follow-up of (testicular) germ cell cancer patients: a proof of principle. *Molecular Oncology*, **2013**, 7, 1083-92	7.9	104
207	Identification of lineage-uncommitted, long-lived, label-retaining cells in healthy human esophagus and stomach, and in metaplastic esophagus. *Gastroenterology*, **2013**, 144, 761-70	13.3	46
206	Role of stem cell proteins and microRNAs in embryogenesis and germ cell cancer. *International Journal of Developmental Biology*, **2013**, 57, 319-32	1.9	23

205	45,X/46,X,psu dic(Y) gonadal dysgenesis: influence of the two cell lines on the clinical phenotype, including gonadal histology. *Sexual Development*, **2013**, 7, 282-8	1.6	8
204	Aberrant p53 protein expression is associated with an increased risk of neoplastic progression in patients with Barrett oesophagus. *Gut*, **2013**, 62, 1676-83	19.2	165
203	Mutations in LRRC50 predispose zebrafish and humans to seminomas. *PLoS Genetics*, **2013**, 9, e1003384	6	29
202	miMsg: a target enrichment algorithm for predicted miR-mRNA interactions based on relative ranking of matched expression data. *Bioinformatics*, **2013**, 29, 1638-46	7.2	4
201	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
200	Molecular Pathology of Testicular Cancer **2013**, 255-268		
199	Gonadal malignancy in 13 consecutive collected patients with disorders of sex development (DSD) from Semarang (Indonesia). *Journal of Clinical Pathology*, **2013**, 66, 198-204	3.9	12
198	Value of -methylacyl-CoA racemase immunochemistry for predicting neoplastic progression in Barrett oesophagus. *Histopathology*, **2013**, 63, 630-9	7.3	20
197	Development of malignant germ cells - the genvironmental hypothesis. *International Journal of Developmental Biology*, **2013**, 57, 241-53	1.9	37
196	Role of epigenetics in the etiology of germ cell cancer. *International Journal of Developmental Biology*, **2013**, 57, 299-308	1.9	28
195	Pathobiology of germ cell tumors - applying the gossip test!. *International Journal of Developmental Biology*, **2013**, 57, 289-98	1.9	3
194	Patient with two secondary somatic-type malignancies in a late recurrence of a testicular non-seminoma: illustration of potential and flaw of the cancer stem cell therapy concept. *International Journal of Developmental Biology*, **2013**, 57, 153-7	1.9	10
193	Disorders of sex development: summaries of long-term outcome studies. *Journal of Pediatric Urology*, **2012**, 8, 616-23	1.5	46
192	Requirements for a multicentric multidisciplinary registry on patients with disorders of sex development. *Journal of Pediatric Urology*, **2012**, 8, 624-8	1.5	12
191	Review of recent outcome data of disorders of sex development (DSD): emphasis on surgical and sexual outcomes. *Journal of Pediatric Urology*, **2012**, 8, 611-5	1.5	45
190	Lessons from human teratomas to guide development of safe stem cell therapies. *Nature Biotechnology*, **2012**, 30, 849-57	44.5	134
189	SRY mutation analysis by next generation (deep) sequencing in a cohort of chromosomal Disorders of Sex Development (DSD) patients with a mosaic karyotype. *BMC Medical Genetics*, **2012**, 13, 108	2.1	10
188	DICER1 RNase IIIb domain mutations are infrequent in testicular germ cell tumours. *BMC Research Notes*, **2012**, 5, 569	2.3	18

187	Endogenous Nodal signaling regulates germ cell potency during mammalian testis development. *Development (Cambridge)*, **2012**, 139, 4123-32	6.6	81
186	Prevalence of c-KIT mutations in gonadoblastoma and dysgerminomas of patients with disorders of sex development (DSD) and ovarian dysgerminomas. *PLoS ONE*, **2012**, 7, e43952	3.7	31
185	c-KIT protein expression does not discriminate neoplastic from non-neoplastic intratubular germ cells. *Histopathology*, **2012**, 60, 1017-9	7.3	12
184	Delayed Recognition of Disorders of Sex Development (DSD): A Missed Opportunity for Early Diagnosis of Malignant Germ Cell Tumors. *International Journal of Endocrinology*, **2012**, 2012, 671209	2.7	21
183	Application of the new classification on patients with a disorder of sex development in indonesia. *International Journal of Endocrinology*, **2012**, 2012, 237084	2.7	8
182	Pubertal androgenization and gonadal histology in two 46,XY adolescents with NR5A1 mutations and predominantly female phenotype at birth. *European Journal of Endocrinology*, **2012**, 166, 341-9	6.5	38
181	A multi-exon deletion within WWOX is associated with a 46,XY disorder of sex development. *European Journal of Human Genetics*, **2012**, 20, 348-51	5.3	40
180	DNA methylation profiles delineate epigenetic heterogeneity in seminoma and non-seminoma. *British Journal of Cancer*, **2012**, 106, 414-23	8.7	42
179	A novel AMH missense mutation in a patient with persistent Müllerian duct syndrome. *Sexual Development*, **2012**, 6, 279-83	1.6	11
178	Genetic analysis of NR0B1 in congenital adrenal hypoplasia patients: identification of a rare regulatory variant resulting in congenital adrenal hypoplasia and hypogonadal hypogonadism without testicular carcinoma in situ. *Sexual Development*, **2012**, 6, 284-91	1.6	2
177	A 46,XY female DSD patient with bilateral gonadoblastoma, a novel SRY missense mutation combined with a WT1 KTS splice-site mutation. *PLoS ONE*, **2012**, 7, e40858	3.7	16
176	Gonadal pathology and tumor risk in relation to clinical characteristics in patients with 45,X/46,XY mosaicism. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1171-80	5.6	98
175	Gonadal development and tumor formation at the crossroads of male and female sex determination. *Sexual Development*, **2011**, 5, 167-80	1.6	61
174	Genome-wide analysis of genetic alterations in testicular primary seminoma using high resolution single nucleotide polymorphism arrays. *Genomics*, **2011**, 97, 341-9	4.3	23
173	Histopathological and molecular features of late relapses in non-seminomas. *BJU International*, **2011**, 107, 936-43	5.6	19
172	Diagnosis of testicular carcinoma in situ (intratubular and microinvasive) seminoma and embryonal carcinoma using direct enzymatic alkaline phosphatase reactivity on frozen histological sections. *Histopathology*, **2011**, 58, 440-6	7.3	18
171	Expression and interdependencies of pluripotency factors LIN28, OCT3/4, NANOG and SOX2 in human testicular germ cells and tumours of the testis. *Journal of Developmental and Physical Disabilities*, **2011**, 34, e160-74		103
170	Dissecting the molecular pathways of (testicular) germ cell tumour pathogenesis; from initiation to treatment-resistance. *Journal of Developmental and Physical Disabilities*, **2011**, 34, e234-51		53

169	TCam-2 seminoma cell line exhibits characteristic foetal germ cell responses to TGF-beta ligands and retinoic acid. *Journal of Developmental and Physical Disabilities*, **2011**, 34, e204-17		23
168	TGF-1, EGF and FGF4 synergistically induce differentiation of the seminoma cell line TCam-2 into a cell type resembling mixed non-seminoma. *Journal of Developmental and Physical Disabilities*, **2011**, 34, e189-203		32
167	A pathologist view on the testis biopsy. *Journal of Developmental and Physical Disabilities*, **2011**, 34, e14-9; discussion e20		33
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