J Wolter Oosterhuis

List of Publications by Year in descending order

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18482 29157 11,823 139 62 104 citations h-index g-index papers 143 143 143 6949 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Testicular germ-cell tumours in a broader perspective. Nature Reviews Cancer, 2005, 5, 210-222.	28.4	822
2	POU5F1 (OCT3/4) identifies cells with pluripotent potential in human germ cell tumors. Cancer Research, 2003, 63, 2244-50.	0.9	487
3	Germ Cell Tumors in the Intersex Gonad: Old Paths, New Directions, Moving Frontiers. Endocrine Reviews, 2006, 27, 468-484.	20.1	424
4	Integrated Molecular Characterization of Testicular Germ Cell Tumors. Cell Reports, 2018, 23, 3392-3406.	6.4	324
5	Highâ€throughput microRNAome analysis in human germ cell tumours. Journal of Pathology, 2007, 213, 319-328.	4.5	210
6	Genomic and Expression Profiling of Human Spermatocytic Seminomas: Primary Spermatocyte as Tumorigenic Precursor and DMRT1 as Candidate Chromosome 9 Gene. Cancer Research, 2006, 66, 290-302.	0.9	208
7	Differential expression of SOX17 and SOX2 in germ cells and stem cells has biological and clinical implications. Journal of Pathology, 2008, 215, 21-30.	4.5	208
8	Gonadoblastoma Arising in Undifferentiated Gonadal Tissue within Dysgenetic Gonads. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2404-2413.	3.6	190
9	Biallelic Expression of the H19 and IGF2 Genes in Human Testicular Germ Cell Tumors. Journal of the National Cancer Institute, 1994, 86, 1070-1075.	6.3	186
10	Minimally Invasive Autopsy: An Alternative to Conventional Autopsy?. Radiology, 2009, 250, 897-904.	7.3	178
11	Tumor risk in disorders of sex development (DSD). Best Practice and Research in Clinical Endocrinology and Metabolism, 2007, 21, 480-495.	4.7	174
12	Pathogenesis of adult testicular germ cell tumors. Cancer Genetics and Cytogenetics, 1990, 48, 143-167.	1.0	169
13	Human germ cell tumours from aÂdevelopmental perspective. Nature Reviews Cancer, 2019, 19, 522-537.	28.4	169
14	Microsatellite Instability, Mismatch Repair Deficiency, and <i>BRAF</i> Mutation in Treatment-Resistant Germ Cell Tumors. Journal of Clinical Oncology, 2009, 27, 2129-2136.	1.6	167
15	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. Oncogene, 2003, 22, 1880-1891.	5.9	164
16	Diagnostic value of OCT3/4 for preâ€invasive and invasive testicular germ cell tumours. Journal of Pathology, 2005, 206, 242-249.	4.5	158
17	Carcinoma in situ in the Testis. Scandinavian Journal of Urology and Nephrology, 2000, 34, 166-186.	1.4	157
18	Identification of germ cells at risk for neoplastic transformation in gonadoblastoma. Human Pathology, 2005, 36, 512-521.	2.0	155

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19	Global DNA methylation in fetal human germ cells and germ cell tumours: association with differentiation and cisplatin resistance. Journal of Pathology, 2010, 221, 433-442.	4.5	155
20	Tumor Risk in Disorders of Sex Development. Sexual Development, 2010, 4, 259-269.	2.0	155
21	Amplification and Overexpression of the KIT Gene Is Associated with Progression in the Seminoma Subtype of Testicular Germ Cell Tumors of Adolescents and Adults. Cancer Research, 2005, 65, 8085-8089.	0.9	149
22	Why human extragonadal germ cell tumours occur in the midline of the body: old concepts, new perspectives. Journal of Developmental and Physical Disabilities, 2007, 30, 256-264.	3.6	149
23	Overrepresentation of the short arm of chromosome 12 is related to invasive growth of human testicular seminomas and nonseminomas. Oncogene, 2000, 19, 5858-5862.	5.9	146
24	Stem cell factor receptor (c-KIT) codon 816 mutations predict development of bilateral testicular germ-cell tumors. Cancer Research, 2003, 63, 7674-8.	0.9	142
25	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-E1180.	3.6	131
26	Role of gain of 12p in germ cell tumour development. Apmis, 2003, 111, 161-170.	2.0	126
27	Stem cell factor as a novel diagnostic marker for early malignant germ cells. Journal of Pathology, 2008, 216, 43-54.	4.5	126
28	Further characterization of the first seminoma cell line TCamâ€2. Genes Chromosomes and Cancer, 2008, 47, 185-196.	2.8	126
29	Gonadal and extragonadal germ cell tumours in the United States, 1973–2007. Journal of Developmental and Physical Disabilities, 2012, 35, 616-625.	3.6	126
30	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.	3.6	124
31	Role of P53 and MDM2 in Treatment Response of Human Germ Cell Tumors. Journal of Clinical Oncology, 2002, 20, 1551-1561.	1.6	123
32	Germ cell neoplasia <i>in situ</i> (<scp>GCNIS</scp>): evolution of the current nomenclature for testicular preâ€invasive germ cell malignancy. Histopathology, 2016, 69, 7-10.	2.9	123
33	Tumour banks: well-guarded treasures in the interest of patients. Nature Reviews Cancer, 2003, 3, 73-77.	28.4	122
34	Bilateral Testicular Microlithiasis Predicts the Presence of the Precursor of Testicular Germ Cell Tumors in Subfertile Men. Journal of Urology, 2004, 171, 158-160.	0.4	120
35	No recurrent structural abnormalities apart from $i(12p)$ in primary germ cell tumors of the adult testis. Genes Chromosomes and Cancer, 1995, 14, 133-144.	2.8	119
36	FOXL2 and SOX9 as parameters of female and male gonadal differentiation in patients with various forms of disorders of sex development (DSD). Journal of Pathology, 2008, 215, 31-38.	4.5	115

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37	Restricted 12p Amplification and RAS Mutation in Human Germ Cell Tumors of the Adult Testis. American Journal of Pathology, 2000, 157, 1155-1166.	3.8	106
38	Reactivity of Germ Cell Maturation Stage-Specific Markers in Spermatocytic Seminoma: Diagnostic and Etiological Implications. Laboratory Investigation, 2001, 81, 919-928.	3.7	106
39	Identification of the critical region of 12p over-representation in testicular germ cell tumors of adolescents and adults. Oncogene, 1998, 16, 2617-2627.	5.9	105
40	Microsatellite instability of germ cell tumors is associated with resistance to systemic treatment. Cancer Research, 2002, 62, 2758-60.	0.9	101
41	Comparative Genomic and In Situ Hybridization of Germ Cell Tumors of the Infantile Testis. Laboratory Investigation, 2000, 80, 1055-1064.	3.7	98
42	Non-invasive or minimally invasive autopsy compared to conventional autopsy of suspected natural deaths in adults: a systematic review. European Radiology, 2016, 26, 1159-1179.	4.5	98
43	Effects of multiple-drug chemotherapy (cis-diammine-dichloroplatinum, bleomycin, and vinblastine) on the maturation of retroperitoneal lymph node metastases of nonseminomatous germ cell tumors of the testis: No evidence for de novo induction of differentiation. Cancer, 1983, 51, 408-416.	4.1	96
44	Sequence analysis of the protein kinase gene family in human testicular germâ€cell tumors of adolescents and adults. Genes Chromosomes and Cancer, 2006, 45, 42-46.	2.8	96
45	Comparative analysis of cell surface antigens expressed by cell lines derived from human germ cell tumours., 1996, 66, 806-816.		95
46	Molecular determinants of treatment response in human germ cell tumors. Clinical Cancer Research, 2003, 9, 767-73.	7.0	95
47	Gonadal tumours and DSD. Best Practice and Research in Clinical Endocrinology and Metabolism, 2010, 24, 291-310.	4.7	90
48	Overrepresentation of chromosome 12p sequences and karyotypic evolution in i(12p)-negative testicular germ-cell tumors revealed by fluorescence in situ hybridization. Cancer Genetics and Cytogenetics, 1993, 70, 85-93.	1.0	89
49	Cytogenetic analysis of ten human seminomas. Cancer Research, 1989, 49, 439-43.	0.9	86
50	Expression of the PDGF ?-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. Journal of Pathology, 2002, 196, 467-477.	4.5	84
51	Chromosomal changes in human primary testicular nonseminomatous germ cell tumors. Cancer Research, 1989, 49, 5696-701.	0.9	84
52	Placental-like alkaline phosphatase and DNA flow cytometry in spermatocytic seminoma. Cancer, 1992, 69, 993-996.	4.1	81
53	X inactivation in human testicular tumors. XIST expression and androgen receptor methylation status. American Journal of Pathology, 1997, 151, 581-90.	3.8	80
54	Gonadal Development and Tumor Formation at the Crossroads of Male and Female Sex Determination. Sexual Development, 2011, 5, 167-180.	2.0	77

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55	Comparative genomic hybridization of microdissected samples from different stages in the development of a seminoma and a non-seminoma., 2000, 191, 187-192.		76
56	Study of the factors associated with recurrence in children with sacrococcygeal teratoma. Journal of Pediatric Surgery, 2006, 41, 173-181.	1.6	75
57	Dissecting the molecular pathways of (testicular) germ cell tumour pathogenesis; from initiation to treatmentâ€resistance. Journal of Developmental and Physical Disabilities, 2011, 34, e234-51.	3.6	74
58	VASA Is a Specific Marker for Both Normal and Malignant Human Germ Cells. Laboratory Investigation, 2002, 82, 159-166.	3.7	72
59	Germ cell lineage differentiation in non-seminomatous germ cell tumours. Journal of Pathology, 2006, 208, 395-400.	4.5	71
60	Chromosomes and Expression in Human Testicular Germ ell Tumors. Annals of the New York Academy of Sciences, 2007, 1120, 187-214.	3.8	71
61	New insights into type II germ cell tumor pathogenesis based on studies of patients with various forms of disorders of sex development (DSD). Molecular and Cellular Endocrinology, 2008, 291, 1-10.	3.2	71
62	Unique expression patterns of H19 in human testicular cancers of different etiology. Oncogene, 1997, 14, 95-107.	5.9	68
63	Localization and polymorphism of a chromosome 12-specific α satellite DNA sequence. Cytogenetic and Genome Research, 1990, 53, 216-218.	1.1	66
64	Chromosomal constitution of human spermatocytic seminomas: Comparative genomic hybridization supported by conventional and interphase cytogenetics., 1998, 23, 286-291.		63
65	Morphology of testicular parenchyma adjacent to germ cell tumours. An interim report. Apmis, 2003, 111, 32-42.	2.0	62
66	Chromosomal constitution and developmental potential of human germ cell tumors and teratomas. Cancer Genetics and Cytogenetics, 1997, 95, 96-102.	1.0	58
67	Aneuploidy of human testicular germ cell tumors is associated with amplification of centrosomes. Oncogene, 2003, 22, 3859-3866.	5.9	58
68	The Biology of Human Germ Cell Tumours: Retrospective Speculations and New Prospectives. European Urology, 1993, 23, 245-250.	1.9	56
69	Chromosome 12q heterozygosity is retained in i(12p)-positive testicular germ cell tumor cells. Cancer Genetics and Cytogenetics, 1989, 40, 129-134.	1.0	55
70	Influence of Tumor Site and Histology on Long-Term Survival in 193 Children with Extracranial Germ Cell Tumors. European Journal of Pediatric Surgery, 2008, 18, 1-6.	1.3	54
71	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. Cancer Research, 2002, 62, 1822-31.	0.9	54
72	N- and KRAS mutations in primary testicular germ cell tumors: Incidence and possible biological implications. Genes Chromosomes and Cancer, 1995, 12, 110-116.	2.8	53

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73	Complete androgen insensitivity syndrome: factors influencing gonadal histology including germ cell pathology. Modern Pathology, 2014, 27, 721-730.	5.5	52
74	Relevance of microRNAs in normal and malignant development, including human testicular germ cell tumours. Journal of Developmental and Physical Disabilities, 2007, 30, 304-315.	3.6	50
75	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.	2.5	50
76	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.	0.9	50
77	Germ cell tumour growth patterns originating from clear cell carcinomas of the ovary and endometrium: a comparative immunohistochemical study favouring their origin from somatic stem cells. Histopathology, 2018, 72, 634-647.	2.9	48
78	Treatment of retroperitoneal residual tumor after PVB chemotherapy of nonseminomatous testicular tumors. Cancer, 1986, 58, 1418-1421.	4.1	47
79	Resistance to Platinum-Containing Chemotherapy in Testicular Germ Cell Tumors Is Associated with Downregulation of the Protein Kinase SRPK1. Neoplasia, 2004, 6, 297-301.	5.3	47
80	Ploidy of primary germ cell tumors of the testis. Pathogenetic and clinical relevance. Laboratory Investigation, 1989, 60, 14-21.	3.7	46
81	Isochromosome 12p-positive pineal germ cell tumor. Cancer Research, 1994, 54, 1542-4.	0.9	46
82	Autopsy rates in the Netherlands: 35 years of decline. PLoS ONE, 2017, 12, e0178200.	2.5	45
83	Noninvasive Detection of Testicular Carcinoma In Situ in Semen Using OCT3/4. European Urology, 2008, 54, 153-160.	1.9	44
84	Imprints and <i>DPPA3</i> are bypassed during pluripotency- and differentiation-coupled methylation reprogramming in testicular germ cell tumors. Genome Research, 2016, 26, 1490-1504.	5.5	44
85	Identification of recurrent chromosomal aberrations in germ cell tumors of neonates and infants using genomewide array-based comparative genomic hybridization. Genes Chromosomes and Cancer, 2005, 43, 367-376.	2.8	41
86	Effects of <i>CIS</i> â€platinum on embryonal carcinoma cell lines <i>in vitro</i> . International Journal of Cancer, 1984, 34, 133-139.	5.1	40
87	A pathologist's view on the testis biopsy. Journal of Developmental and Physical Disabilities, 2011, 34, e14-9; discussion e20.	3.6	40
88	Defining minimum genomic regions of imbalance involved in testicular germ cell tumors of adolescents and adults through genome wide microarray analysis of cDNA clones. Oncogene, 2004, 23, 9142-9147.	5.9	38
89	Genomic and expression profiling of human spermatocytic seminomas: pathogenetic implications. Journal of Developmental and Physical Disabilities, 2007, 30, 328-336.	3.6	38
90	Conventional Autopsy versus Minimally Invasive Autopsy with Postmortem MRI, CT, and CT-guided Biopsy: Comparison of Diagnostic Performance. Radiology, 2018, 289, 658-667.	7. 3	38

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91	Treatment of malignant fibrous histiocytoma of bone. A plea for primary chemotherapy. Cancer, 1985, 56, 37-40.	4.1	37
92	Differential effects of all-trans -retinoic acid, docosahexaenoic acid, and hexadecylphosphocholine on cisplatin-induced cytotoxicity and apoptosis in a cisplantin-sensitive and resistant human embryonal carcinoma cell line. Cancer Chemotherapy and Pharmacology, 1998, 41, 469-476.	2.3	37
93	Genomic copy number and expression patterns in testicular germ cell tumours. British Journal of Cancer, 2007, 97, 1707-1712.	6.4	37
94	Tumours and tumourâ€like conditions of the thymus other than thymoma; a practical approach. Histopathology, 2009, 54, 69-89.	2.9	37
95	Experimental testicular germ cell tumorogenesis in mouse strains with and without spontaneous tumours differs from development of germ cell tumours of the adult human testis. Journal of Developmental and Physical Disabilities, 1993, 16, 267-271.	3.6	36
96	A novel SRY missense mutation affecting nuclear import in a 46,XY female patient with bilateral gonadoblastoma. European Journal of Human Genetics, 2009, 17, 1642-1649.	2.8	36
97	Histological Assessment of Gonads in DSD: Relevance for Clinical Management. Sexual Development, 2018, 12, 106-122.	2.0	35
98	Molecular heterogeneity and early metastatic clone selection in testicular germ cell cancer development. British Journal of Cancer, 2019, 120, 444-452.	6.4	35
99	Post-Mortem Tissue Biopsies Obtained at Minimally Invasive Autopsy: An RNA-Quality Analysis. PLoS ONE, 2014, 9, e115675.	2.5	35
100	Xeroderma Pigmentosum Group A Protein and Chemotherapy Resistance in Human Germ Cell Tumors. Laboratory Investigation, 2003, 83, 1489-1495.	3.7	34
101	Pediatric germ cell tumors presenting beyond childhood?. Andrology, 2015, 3, 70-77.	3.5	30
102	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, 1-9.	1.5	27
103	Total-body CT and MR features of postmortem change in in-hospital deaths. PLoS ONE, 2017, 12, e0185115.	2.5	27
104	A malignant mixed gonadal stromal tumor of the testis with heterologous components and i(12p) in one of its metastases. Cancer Genetics and Cytogenetics, 1989, 41, 105-114.	1.0	26
105	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.	2.5	26
106	Ploidy of malignant mediastinal germ-cell tumors. Human Pathology, 1990, 21, 729-732.	2.0	25
107	Histopathological and molecular features of late relapses in nonâ€seminomas. BJU International, 2011, 107, 936-943.	2.5	25
108	Sarcomatoid adrenocortical carcinoma: a comprehensive pathological, immunohistochemical, and targeted next-generation sequencing analysis. Human Pathology, 2016, 58, 113-122.	2.0	25

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109	Yolk-sac carcinoma develops spontaneously as a late occurrence in slow-growing teratoid tumors produced from transplanted 7-day mouse embryos. International Journal of Cancer, 1990, 45, 153-155.	5.1	24
110	Molecular characterization of a recurring complex chromosomal translocation in two human extragonadal germ cell tumors. Cancer Genetics and Cytogenetics, 1994, 73, 11-16.	1.0	24
111	Carcinoma in hyperfunctioning thyroid nodule in recurrent hyperthyroidism. European Journal of Nuclear Medicine and Molecular Imaging, 1981, 6, 131-2.	2.1	22
112	Definition of a new entity of malignant extragonadal germ cell tumors. Genes Chromosomes and Cancer, 1995, 12, 8-15.	2.8	22
113	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.	4.8	22
114	Diagnosis of testicular carcinoma <i>in situ</i> â€~(intratubular and microinvasive)' seminoma and embryonal carcinoma using direct enzymatic alkaline phosphatase reactivity on frozen histological sections. Histopathology, 2011, 58, 440-446.	2.9	21
115	Mediastinal germ cell tumor with secondary nongerm cell malignancy, and extensive hematopoietic activity. Cancer Genetics and Cytogenetics, 1991, 54, 183-195.	1.0	20
116	JKTâ€1 is not a human seminoma cell line. Journal of Developmental and Physical Disabilities, 2007, 30, 350-365.	3.6	20
117	Diagnostic accuracy of postmortem computed tomography, magnetic resonance imaging, and computed tomography-guided biopsies for the detection of ischaemic heart disease in a hospital setting. European Heart Journal Cardiovascular Imaging, 2018, 19, 739-748.	1.2	18
118	Autopsy of Adult Patients Deceased in an Academic Hospital: Considerations of Doctors and Next-of-Kin in the Consent Process. PLoS ONE, 2016, 11, e0163811.	2.5	17
119	Hospital implementation of minimally invasive autopsy: A prospective cohort study of clinical performance and costs. PLoS ONE, 2019, 14, e0219291.	2.5	15
120	Napabucasin overcomes cisplatin resistance in ovarian germ cell tumor-derived cell line by inhibiting cancer stemness. Cancer Cell International, 2020, 20, 364.	4.1	15
121	c-MET receptor as potential biomarker and target molecule for malignant testicular germ cell tumors. Oncotarget, 2018, 9, 31842-31860.	1.8	15
122	Germ Cell Tumors from a Developmental Perspective: Cells of Origin, Pathogenesis, and Molecular Biology (Emerging Patterns)., 2017,, 23-129.		14
123	p53 and MDM2 in Germ Cell Cancer Treatment Response. Journal of Clinical Oncology, 2002, 20, 3928-3929.	1.6	13
124	Gonadal malignancy in 13 consecutive collected patients with disorders of sex development (DSD) from Semarang (Indonesia). Journal of Clinical Pathology, 2013, 66, 198-204.	2.0	12
125	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, 153-157.	0.6	12
126	Mediastinal germ cell tumors: many questions and perhaps an answer. Journal of Clinical Investigation, 2020, 130, 6238-6241.	8.2	11

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127	Cytogenetics, ploidy and differentiation of human testicular, ovarian and extragonadal germ cell tumours. Cancer Surveys, 1990, 9, 320-32.	1.5	10
128	Incidence of testicular tumor subtypes according to the updatedÂ <scp>WHO</scp> classification, North Rhineâ€Westphalia, Germany, 2008–2013. Andrology, 2019, 7, 402-407.	3.5	9
129	Effect of minimally invasive autopsy and ethnic background on acceptance of clinical postmortem investigation in adults. PLoS ONE, 2020, 15, e0232944.	2.5	9
130	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.	3.3	6
131	Mixed germ cell sex cord-stromal tumors, collision or inclusion?. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2020, 477, 757-758.	2.8	6
132	Pathobiology of germ cell tumors - applying the gossip test!. International Journal of Developmental Biology, 2013, 57, 289-298.	0.6	6
133	A Pure Triphasic Testicular Wilms Tumor of Primordial Germ Cell Origin. Urology, 2008, 72, 232-233.	1.0	1
134	P49: Identification ofÂrecurrent chromosomal aberrations inÂdifferent types ofÂhuman germ cell tumours using array CGH. European Journal of Medical Genetics, 2005, 48, 511-512.	1.3	0
135	Testicular cancer: germ-cell tumors (GCTs)., 0,, 619-629.		0
136	Title is missing!. , 2020, 15, e0232944.		0
137	Title is missing!. , 2020, 15, e0232944.		0
138	Title is missing!. , 2020, 15, e0232944.		0
139	Title is missing!. , 2020, 15, e0232944.		0