J Tom Van Wezel

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177 papers	7,091 citations	44 h-index	79 g-index
190 ext. papers	8,151 ext. citations	7.4 avg, IF	5.11 L-index

#	Paper	IF	Citations
177	A genome-wide association study identifies colorectal cancer susceptibility loci on chromosomes 10p14 and 8q23.3. *Nature Genetics*, **2008**, 40, 623-30	36.3	463
176	Meta-analysis of genome-wide association data identifies four new susceptibility loci for colorectal cancer. *Nature Genetics*, **2008**, 40, 1426-35	36.3	457
175	Somatic mosaic IDH1 and IDH2 mutations are associated with enchondroma and spindle cell hemangioma in Ollier disease and Maffucci syndrome. *Nature Genetics*, **2011**, 43, 1256-61	36.3	392
174	Meta-analysis of three genome-wide association studies identifies susceptibility loci for colorectal cancer at 1q41, 3q26.2, 12q13.13 and 20q13.33. *Nature Genetics*, **2010**, 42, 973-7	36.3	301
173	E-cadherin transcriptional downregulation by promoter methylation but not mutation is related to epithelial-to-mesenchymal transition in breast cancer cell lines. *British Journal of Cancer*, **2006**, 94, 661-71	8.7	268
172	Use of CRISPR-modified human stem cell organoids to study the origin of mutational signatures in cancer. *Science*, **2017**, 358, 234-238	33.3	232
171	Ptprj is a candidate for the mouse colon-cancer susceptibility locus Scc1 and is frequently deleted in human cancers. *Nature Genetics*, **2002**, 31, 295-300	36.3	209
170	Multiple common susceptibility variants near BMP pathway loci GREM1, BMP4, and BMP2 explain part of the missing heritability of colorectal cancer. *PLoS Genetics*, **2011**, 7, e1002105	6	169
169	Somatic POLE proofreading domain mutation, immune response, and prognosis in colorectal cancer: a retrospective, pooled biomarker study. *The Lancet Gastroenterology and Hepatology*, **2016**, 1, 207-216	18.8	160
168	A genome-wide association study of Hodgkin lymphoma identifies new susceptibility loci at 2p16.1 (REL), 8q24.21 and 10p14 (GATA3). *Nature Genetics*, **2010**, 42, 1126-1130	36.3	158
167	Rapid KRAS, EGFR, BRAF and PIK3CA mutation analysis of fine needle aspirates from non-small-cell lung cancer using allele-specific qPCR. *PLoS ONE*, **2011**, 6, e17791	3.7	145
166	Loss of SMAD4 alters BMP signaling to promote colorectal cancer cell metastasis via activation of Rho and ROCK. *Gastroenterology*, **2014**, 147, 196-208.e13	13.3	117
165	Gene interaction and single gene effects in colon tumour susceptibility in mice. *Nature Genetics*, **1996**, 14, 468-70	36.3	111
164	Practical guidance for mismatch repair-deficiency testing in endometrial cancer. *Annals of Oncology*, **2017**, 28, 96-102	10.3	104
163	Statins augment the chemosensitivity of colorectal cancer cells inducing epigenetic reprogramming and reducing colorectal cancer cell stemness via the bone morphogenetic protein pathway. *Gut*, **2011**, 60, 1544-53	19.2	96
162	Kinome profiling of chondrosarcoma reveals SRC-pathway activity and dasatinib as option for treatment. *Cancer Research*, **2009**, 69, 6216-22	10.1	93
161	Combined mismatch repair and POLE/POLD1 defects explain unresolved suspected Lynch syndrome cancers. *European Journal of Human Genetics*, **2016**, 24, 1089-92	5.3	87

160	Expression of HLA class I antigen, aspirin use, and survival after a diagnosis of colon cancer. *JAMA Internal Medicine*, **2014**, 174, 732-9	11.5	79
159	The colorectal cancer risk at 18q21 is caused by a novel variant altering SMAD7 expression. *Genome Research*, **2009**, 19, 987-93	9.7	79
158	HNPCC versus sporadic microsatellite-unstable colon cancers follow different routes toward loss of HLA class I expression. *BMC Cancer*, **2007**, 7, 33	4.8	79
157	Genetic variation of antigen processing machinery components and association with cervical carcinoma. *Genes Chromosomes and Cancer*, **2007**, 46, 577-86	5	77
156	Germline variants in POLE are associated with early onset mismatch repair deficient colorectal cancer. *European Journal of Human Genetics*, **2015**, 23, 1080-4	5.3	76
155	Identification of MEN1 and HRPT2 somatic mutations in paraffin-embedded (sporadic) parathyroid carcinomas. *Clinical Endocrinology*, **2007**, 67, 370-6	3.4	75
154	DNA repair genes are selectively mutated in diffuse large B cell lymphomas. *Journal of Experimental Medicine*, **2013**, 210, 1729-42	16.6	74
153	Single nucleotide polymorphisms in antigen processing machinery component ERAP1 significantly associate with clinical outcome in cervical carcinoma. *Genes Chromosomes and Cancer*, **2009**, 48, 410-8	5	74
152	Reliable high-throughput genotyping and loss-of-heterozygosity detection in formalin-fixed, paraffin-embedded tumors using single nucleotide polymorphism arrays. *Cancer Research*, **2005**, 65, 10188-91	10.1	74
151	Chromosome 8q23.3 and 11q23.1 variants modify colorectal cancer risk in Lynch syndrome. *Gastroenterology*, **2009**, 136, 131-7	13.3	73
150	Mutational Signature Analysis Reveals NTHL1 Deficiency to Cause a Multi-tumor Phenotype. *Cancer Cell*, **2019**, 35, 256-266.e5	24.3	72
149	Whole-exome sequencing studies of parathyroid carcinomas reveal novel PRUNE2 mutations, distinctive mutational spectra related to APOBEC-catalyzed DNA mutagenesis and mutational enrichment in kinases associated with cell migration and invasion. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E360-4	5.6	68
148	Allelic variation at the 8q23.3 colorectal cancer risk locus functions as a cis-acting regulator of EIF3H. *PLoS Genetics*, **2010**, 6, e1001126	6	68
147	Genomic Characterization of Vulvar (Pre)cancers Identifies Distinct Molecular Subtypes with Prognostic Significance. *Clinical Cancer Research*, **2017**, 23, 6781-6789	12.9	63
146	Functional profiling of receptor tyrosine kinases and downstream signaling in human chondrosarcomas identifies pathways for rational targeted therapy. *Clinical Cancer Research*, **2013**, 19, 3796-807	12.9	63
145	Enrichment of low penetrance susceptibility loci in a Dutch familial colorectal cancer cohort. *Cancer Epidemiology Biomarkers and Prevention*, **2009**, 18, 3062-7	4	60
144	Combined array-comparative genomic hybridization and single-nucleotide polymorphism-loss of heterozygosity analysis reveals complex genetic alterations in cervical cancer. *BMC Genomics*, **2007**, 8, 53	4.5	59
143	Molecular Analysis of Gene Fusions in Bone and Soft Tissue Tumors by Anchored Multiplex PCR-Based Targeted Next-Generation Sequencing. *Journal of Molecular Diagnostics*, **2018**, 20, 653-663	5.1	57

142	Refinement of the basis and impact of common 11q23.1 variation to the risk of developing colorectal cancer. *Human Molecular Genetics*, **2008**, 17, 3720-7	5.6	57
141	High-resolution copy number analysis of paraffin-embedded archival tissue using SNP BeadArrays. *Genome Research*, **2007**, 17, 368-76	9.7	56
140	Downregulation of CASR expression and global loss of parafibromin staining are strong negative determinants of prognosis in parathyroid carcinoma. *Modern Pathology*, **2011**, 24, 688-97	9.8	52
139	Assessment of a fully automated high-throughput DNA extraction method from formalin-fixed, paraffin-embedded tissue for KRAS, and BRAF somatic mutation analysis. *Experimental and Molecular Pathology*, **2013**, 94, 121-5	4.4	51
138	Identification of patients with (atypical) MUTYH-associated polyposis by KRAS2 c.34G > T prescreening followed by MUTYH hotspot analysis in formalin-fixed paraffin-embedded tissue. *Clinical Cancer Research*, **2008**, 14, 139-42	12.9	50
137	Genome haploidisation with chromosome 7 retention in oncocytic follicular thyroid carcinoma. *PLoS ONE*, **2012**, 7, e38287	3.7	47
136	Colorectal carcinomas in MUTYH-associated polyposis display histopathological similarities to microsatellite unstable carcinomas. *BMC Cancer*, **2009**, 9, 184	4.8	45
135	cDNA expression profiling of chondrosarcomas: Ollier disease resembles solitary tumours and alteration in genes coding for components of energy metabolism occurs with increasing grade. *Journal of Pathology*, **2005**, 207, 61-71	9.4	45
134	Statin Use After Diagnosis of Colon Cancer and Patient Survival. *Gastroenterology*, **2017**, 153, 470-479.e4	13.3	44
133	Transforming Growth Factor Signaling in Colorectal Cancer Cells With Microsatellite Instability Despite Biallelic Mutations in TGFBR2. *Gastroenterology*, **2015**, 148, 1427-37.e8	13.3	44
132	Everolimus in Patients With Advanced Follicular-Derived Thyroid Cancer: Results of a Phase II Clinical Trial. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 698-707	5.6	43
131	Early onset MSI-H colon cancer with MLH1 promoter methylation, is there a genetic predisposition?. *BMC Cancer*, **2010**, 10, 180	4.8	42
130	COGENT (COlorectal cancer GENeTics): an international consortium to study the role of polymorphic variation on the risk of colorectal cancer. *British Journal of Cancer*, **2010**, 102, 447-54	8.7	39
129	Progression and tumor heterogeneity analysis in early rectal cancer. *Clinical Cancer Research*, **2008**, 14, 772-81	12.9	36
128	Designing a high-throughput somatic mutation profiling panel specifically for gynaecological cancers. *PLoS ONE*, **2014**, 9, e93451	3.7	36
127	Optimizing Mutation and Fusion Detection in NSCLC by Sequential DNA and RNA Sequencing. *Journal of Thoracic Oncology*, **2020**, 15, 1000-1014	8.9	35
126	Single nucleotide polymorphism array analysis of chromosomal instability patterns discriminates rectal adenomas from carcinomas. *Journal of Pathology*, **2007**, 212, 269-77	9.4	35
125	Macrodissection versus microdissection of rectal carcinoma: minor influence of stroma cells to tumor cell gene expression profiles. *BMC Genomics*, **2005**, 6, 142	4.5	35

124	Integral analysis of p53 and its value as prognostic factor in sporadic colon cancer. *BMC Cancer*, **2013**, 13, 277	4.8	34
123	High frequency of copy-neutral LOH in MUTYH-associated polyposis carcinomas. *Journal of Pathology*, **2008**, 216, 25-31	9.4	34
122	Expression analysis of candidate breast tumour suppressor genes on chromosome 16q. *Breast Cancer Research*, **2005**, 7, R998-1004	8.3	34
121	Formalin-fixed, paraffin-embedded (FFPE) tissue epigenomics using Infinium HumanMethylation450 BeadChip assays. *Laboratory Investigation*, **2015**, 95, 833-42	5.9	33
120	PIK3CA kinase domain mutation identifies a subgroup of stage III colon cancer patients with poor prognosis. *Cellular Oncology (Dordrecht)*, **2011**, 34, 523-31	7.2	33
119	Integrating chromosomal aberrations and gene expression profiles to dissect rectal tumorigenesis. *BMC Cancer*, **2008**, 8, 314	4.8	33
118	Infiltration of Lynch colorectal cancers by activated immune cells associates with early staging of the primary tumor and absence of lymph node metastases. *Clinical Cancer Research*, **2012**, 18, 1237-45	12.9	30
117	POLE and POLD1 screening in 155 patients with multiple polyps and early-onset colorectal cancer. *Oncotarget*, **2017**, 8, 26732-26743	3.3	29
116	Deciphering the genetics of hereditary non-syndromic colorectal cancer. *European Journal of Human Genetics*, **2008**, 16, 1477-86	5.3	29
115	BRAF mutation-specific promoter methylation of FOX genes in colorectal cancer. *Clinical Epigenetics*, **2013**, 5, 2	7.7	27
114	Genome-wide allelic state analysis on flow-sorted tumor fractions provides an accurate measure of chromosomal aberrations. *Cancer Research*, **2008**, 68, 10333-40	10.1	27
113	MUTYH-associated polyposis carcinomas frequently lose HLA class I expression - a common event amongst DNA-repair-deficient colorectal cancers. *Journal of Pathology*, **2009**, 219, 69-76	9.4	26
112	COGENT (COlorectal cancer GENeTics) revisited. *Mutagenesis*, **2012**, 27, 143-51	2.8	26
111	mutations identify a molecular subgroup of diffuse large B-cell lymphoma with an unfavorable prognosis. *Haematologica*, **2020**, 105, 424-434	6.6	26
110	Combined analysis of three Lynch syndrome cohorts confirms the modifying effects of 8q23.3 and 11q23.1 in MLH1 mutation carriers. *International Journal of Cancer*, **2013**, 132, 1556-64	7.5	25
109	Sensitive and specific KRAS somatic mutation analysis on whole-genome amplified DNA from archival tissues. *Journal of Molecular Diagnostics*, **2010**, 12, 27-34	5.1	25
108	is an inherited risk factor for CLL through the acquisition of a single-point mutation enabling autonomous BCR signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 4320-4327	11.5	24
107	Tumor LINE-1 Methylation Level in Association with Survival of Patients with Stage II Colon Cancer. *International Journal of Molecular Sciences*, **2016**, 18,	6.3	24

106	Distinct Patterns of Somatic Mosaicism in the APC Gene in Neoplasms From Patients With Unexplained Adenomatous Polyposis. *Gastroenterology*, **2017**, 152, 546-549.e3	13.3	23
105	Genome-wide copy neutral LOH is infrequent in familial and sporadic microsatellite unstable carcinomas. *Familial Cancer*, **2008**, 7, 319-30	3	23
104	Increased frequency of 20q gain and copy-neutral loss of heterozygosity in mismatch repair proficient familial colorectal carcinomas. *International Journal of Cancer*, **2012**, 130, 837-46	7.5	22
103	Retinoic acid receptor and retinoid X receptor subtype expression for the differential diagnosis of thyroid neoplasms. *European Journal of Endocrinology*, **2009**, 160, 631-8	6.5	22
102	Imprinted survival genes preclude loss of heterozygosity of chromosome 7 in cancer cells. *Journal of Pathology*, **2016**, 240, 72-83	9.4	22
101	Comprehensive diagnostics of acute myeloid leukemia by whole transcriptome RNA sequencing. *Leukemia*, **2021**, 35, 47-61	10.7	22
100	Safety and efficacy of the addition of simvastatin to cetuximab in previously treated KRAS mutant metastatic colorectal cancer patients. *Investigational New Drugs*, **2015**, 33, 1242-7	4.3	21
99	Colorectal cancer risk variants on 11q23 and 15q13 are associated with unexplained adenomatous polyposis. *Journal of Medical Genetics*, **2014**, 51, 55-60	5.8	21
98	Recurrent Coding Sequence Variation Explains Only A Small Fraction of the Genetic Architecture of Colorectal Cancer. *Scientific Reports*, **2015**, 5, 16286	4.9	21
97	Homozygosity for a CHEK2*1100delC mutation identified in familial colorectal cancer does not lead to a severe clinical phenotype. *Journal of Pathology*, **2005**, 206, 198-204	9.4	21
96	HLA-G protein expression in colorectal cancer evaluated by immunohistochemistry and western blot analysis: Its expression characteristics remain enigmatic. *Clinical Immunology*, **2018**, 194, 80-86	9	20
95	Near-haploidization significantly associates with oncocytic adrenocortical, thyroid, and parathyroid tumors but not with mitochondrial DNA mutations. *Genes Chromosomes and Cancer*, **2014**, 53, 833-44	5	20
94	Five new mouse susceptibility to colon cancer loci, Scc11-Scc15. *Oncogene*, **2003**, 22, 7258-60	9.2	20
93	Infiltrating leukocytes confound the detection of E-cadherin promoter methylation in tumors. *Biochemical and Biophysical Research Communications*, **2004**, 319, 697-704	3.4	19
92	Targeted next-generation sequencing of FNA-derived DNA in pancreatic cancer. *Journal of Clinical Pathology*, **2017**, 70, 174-178	3.9	18
91	Molecular Background of Colorectal Tumors From Patients With Lynch Syndrome Associated With Germline Variants in PMS2. *Gastroenterology*, **2018**, 155, 844-851	13.3	18
90	The natural history of a combined defect in MSH6 and MUTYH in a HNPCC family. *Familial Cancer*, **2007**, 6, 43-51	3	18
89	Mass spectrometry-based loss of heterozygosity analysis of single-nucleotide polymorphism loci in paraffin embedded tumors using the MassEXTEND assay: single-nucleotide polymorphism loss of heterozygosity analysis of the protein tyrosine phosphatase receptor type J in familial colorectal cancer. *Journal of Molecular Diagnostics*, **2005**, 7, 623-30	5.1	18

88	Meta-analysis of mismatch repair polymorphisms within the cogent consortium for colorectal cancer susceptibility. *PLoS ONE*, **2013**, 8, e72091	3.7	18
87	The Influence of BRAF and KRAS Mutation Status on the Association between Aspirin Use and Survival after Colon Cancer Diagnosis. *PLoS ONE*, **2017**, 12, e0170775	3.7	17
86	Refinement of the associations between risk of colorectal cancer and polymorphisms on chromosomes 1q41 and 12q13.13. *Human Molecular Genetics*, **2012**, 21, 934-46	5.6	17
85	Comprehensive genetic analysis of seven large families with mismatch repair proficient colorectal cancer. *Genes Chromosomes and Cancer*, **2010**, 49, 539-48	5	17
84	ATBF1 and NQO1 as candidate targets for allelic loss at chromosome arm 16q in breast cancer: absence of somatic ATBF1 mutations and no role for the C609T NQO1 polymorphism. *BMC Cancer*, **2008**, 8, 105	4.8	17
83	Synergistic effects of the sesquiterpene lactone, EPD, with cisplatin and paclitaxel in ovarian cancer cells. *Journal of Experimental and Clinical Cancer Research*, **2015**, 34, 38	12.8	16
82	Targetable gene fusions identified in radioactive iodine refractory advanced thyroid carcinoma. *European Journal of Endocrinology*, **2019**, 180, 235-241	6.5	15
81	Most lung and colon cancer susceptibility genes are pair-wise linked in mice, humans and rats. *PLoS ONE*, **2011**, 6, e14727	3.7	14
80	Tumour-specific methylation of PTPRG intron 1 locus in sporadic and Lynch syndrome colorectal cancer. *European Journal of Human Genetics*, **2011**, 19, 307-12	5.3	14
79	The missing heritability of familial colorectal cancer. *Mutagenesis*, **2020**, 35, 221-231	2.8	14
78	Recommendations for the clinical interpretation and reporting of copy number gains using gene panel NGS analysis in routine diagnostics. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2019**, 474, 673-680	5.1	13
77	Multicenter Comparison of Molecular Tumor Boards in The Netherlands: Definition, Composition, Methods, and Targeted Therapy Recommendations. *Oncologist*, **2021**, 26, e1347-e1358	5.7	13
76	The RECAP Test Rapidly and Reliably Identifies Homologous Recombination-Deficient Ovarian Carcinomas. *Cancers*, **2020**, 12,	6.6	13
75	Clinical and Molecular Characteristics May Alter Treatment Strategies of Thyroid Malignancies in DICER1 Syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 277-284	5.6	13
74	ROS-induced near-homozygous genomes in thyroid cancer. *Endocrine-Related Cancer*, **2018**, 25, 83-97	5.7	13
73	Validation and Implementation of BRCA1/2 Variant Screening in Ovarian Tumor Tissue. *Journal of Molecular Diagnostics*, **2018**, 20, 600-611	5.1	13
72	Safety and efficacy of the addition of simvastatin to panitumumab in previously treated KRAS mutant metastatic colorectal cancer patients. *Anti-Cancer Drugs*, **2015**, 26, 872-7	2.4	12
71	MLPAinter for MLPA interpretation: an integrated approach for the analysis, visualisation and data management of Multiplex Ligation-dependent Probe Amplification. *BMC Bioinformatics*, **2010**, 11, 67	3.6	12

70	Genetics of susceptibility to radiation-induced apoptosis in colon: two loci on chromosomes 9 and 16. *Mammalian Genome*, **1998**, 9, 377-80	3.2	12
69	Prevalence and Prognosis of Lynch Syndrome and Sporadic Mismatch Repair Deficiency in Endometrial Cancer. *Journal of the National Cancer Institute*, **2021**, 113, 1212-1220	9.7	11
68	Mutational analyses of epidermal growth factor receptor and downstream pathways in adrenocortical carcinoma. *European Journal of Endocrinology*, **2013**, 169, 51-8	6.5	10
67	The importance of a large sample cohort for studies on modifier genes influencing disease severity in FAP patients. *Hereditary Cancer in Clinical Practice*, **2013**, 11, 20	2.3	10
66	Monoallelic NTHL1 Loss-of-Function Variants and Risk of Polyposis and Colorectal Cancer. *Gastroenterology*, **2020**, 159, 2241-2243.e6	13.3	10
65	Recurrent APC Splice Variant c.835-8A>G in Patients With Unexplained Colorectal Polyposis Fulfilling the Colibactin Mutational Signature. *Gastroenterology*, **2020**, 159, 1612-1614.e5	13.3	9
64	Visualization of regional gene expression biases by microarray data sorting. *BioTechniques*, **2004**, 36, 592-4, 596	2.5	9
63	RET Fluorescence In Situ Hybridization Analysis Is a Sensitive but Highly Unspecific Screening Method for RET Fusions in Lung Cancer. *Journal of Thoracic Oncology*, **2021**, 16, 798-806	8.9	9
62	Whole Gene Capture Analysis of 15 CRC Susceptibility Genes in Suspected Lynch Syndrome Patients. *PLoS ONE*, **2016**, 11, e0157381	3.7	9
61	Somatic mutation profiles in primary colorectal cancers and matching ovarian metastases: Identification of driver and passenger mutations. *Journal of Pathology: Clinical Research*, **2016**, 2, 166-74	5.3	9
60	Re: Role of the oxidative DNA damage repair gene OGG1 in colorectal tumorigenesis. *Journal of the National Cancer Institute*, **2014**, 106,	9.7	8
59	Evidence for genetic association between chromosome 1q loci and predisposition to colorectal neoplasia. *British Journal of Cancer*, **2017**, 117, 1215-1223	8.7	8
58	Role of the microenvironment in the tumourigenesis of microsatellite unstable and MUTYH-associated polyposis colorectal cancers. *Mutagenesis*, **2012**, 27, 247-53	2.8	8
57	A review of the genetic background and tumour profiling in familial colorectal cancer. *Mutagenesis*, **2012**, 27, 239-45	2.8	8
56	Characterization of novel low passage primary and metastatic colorectal cancer cell lines. *Oncotarget*, **2016**, 7, 14499-509	3.3	8
55	Cribriform architecture in radical prostatectomies predicts oncological outcome in Gleason score 8 prostate cancer patients. *Modern Pathology*, **2021**, 34, 184-193	9.8	8
54	Anticancer activity of novel pyrido[2,3-b]indolizine derivatives: the relevance of phenolic substituents. *Anticancer Research*, **2014**, 34, 1673-7	2.3	8
53	Low frequency of POLD1 and POLE exonuclease domain variants in patients with multiple colorectal polyps. *Molecular Genetics & Genomic Medicine*, **2019**, 7, e00603	2.3	7

52	Promoter methylation and mRNA expression of HLA-G in relation to HLA-G protein expression in colorectal cancer. *Human Immunology*, **2016**, 77, 764-72	2.3	7
51	Association between CASP8 -652 6N del polymorphism (rs3834129) and colorectal cancer risk: results from a multi-centric study. *PLoS ONE*, **2014**, 9, e85538	3.7	7
50	Germline biallelic Mcm8 variants are associated with early-onset Lynch-like syndrome. *JCI Insight*, **2020**, 5,	9.9	7
49	Clinicopathological characteristics of glomeruloid architecture in prostate cancer. *Modern Pathology*, **2020**, 33, 1618-1625	9.8	6
48	Target-enriched next-generation sequencing reveals differences between primary and secondary ovarian tumors in formalin-fixed, paraffin-embedded tissue. *Journal of Molecular Diagnostics*, **2015**, 17, 193-200	5.1	6
47	The homeobox gene MEIS1 is methylated in BRAF (p.V600E) mutated colon tumors. *PLoS ONE*, **2013**, 8, e79898	3.7	6
46	The MLH1 c.1852_1853delinsGC (p.K618A) variant in colorectal cancer: genetic association study in 18,723 individuals. *PLoS ONE*, **2014**, 9, e95022	3.7	6
45	A Phase Ib Clinical Trial of Metformin and Chloroquine in Patients with -Mutated Solid Tumors. *Cancers*, **2021**, 13,	6.6	6
44	Correspondence: SEMA4A variation and risk of colorectal cancer. *Nature Communications*, **2016**, 7, 10611	17.4	6
43	Declining detection rates for APC and biallelic MUTYH variants in polyposis patients, implications for DNA testing policy. *European Journal of Human Genetics*, **2020**, 28, 222-230	5.3	6
42	The complexity of screening PMS2 in DNA isolated from formalin-fixed paraffin-embedded material. *European Journal of Human Genetics*, **2020**, 28, 333-338	5.3	6
41	A novel RET/PTC variant detected in a pediatric patient with papillary thyroid cancer without ionization history. *Human Pathology*, **2015**, 46, 1962-9	3.7	5
40	(Secondary) solid tumors in thyroid cancer patients treated with the multi-kinase inhibitor sorafenib may present diagnostic challenges. *BMC Cancer*, **2016**, 16, 31	4.8	5
39	A procedure for the detection of linkage with high density SNP arrays in a large pedigree with colorectal cancer. *BMC Cancer*, **2007**, 7, 6	4.8	5
38	Diagnostic value of targeted next-generation sequencing in patients with suspected pancreatic or periampullary cancer. *Journal of Clinical Pathology*, **2018**, 71, 246-252	3.9	5
37	Targeted Treatment Options of Recurrent Radioactive Iodine Refractory Hürthle Cell Cancer. *Cancers*, **2019**, 11,	6.6	4
36	Digenic inheritance of MSH6 and MUTYH variants in familial colorectal cancer. *Genes Chromosomes and Cancer*, **2020**, 59, 697	5	4
35	Methylation associated transcriptional repression of ELOVL5 in novel colorectal cancer cell lines. *PLoS ONE*, **2017**, 12, e0184900	3.7	4

34	RNA analysis of cancer predisposing genes in formalin-fixed paraffin-embedded tissue determines aberrant splicing. *European Journal of Human Genetics*, **2018**, 26, 1143-1150	5.3	4
33	Copy number alterations and allelic ratio in relation to recurrence of rectal cancer. *BMC Genomics*, **2015**, 16, 438	4.5	3
32	B-cell lymphoblastic lymphoma with cutaneous involvement and a KMT2A gene rearrangement. *American Journal of Hematology*, **2020**, 95, 1427-1429	7.1	3
31	Cell-of-origin classification using the Hans and Lymph2Cx algorithms in primary cutaneous large B-cell lymphomas.. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2022**, 480, 667	5.1	3
30	Prevalence of mismatch repair deficiency and Lynch syndrome in a cohort of unselected small bowel adenocarcinomas. *Journal of Clinical Pathology*, **2021**, 74, 724-729	3.9	3
29	Germline loss-of-function variants in the base-excision repair gene MBD4 cause a Mendelian recessive syndrome of adenomatous colorectal polyposis and acute myeloid leukaemia		3
28	Identification of pharmacogenetic biomarkers for efficacy of cytoreductive surgery plus hyperthermic intraperitoneal mitomycin C in patients with colorectal peritoneal metastases. *European Journal of Surgical Oncology*, **2020**, 46, 1925-1931	3.6	3
27	Neoadjuvant Treatment with Angiogenesis-Inhibitor Dovitinib Prior to Local Therapy in Hepatocellular Carcinoma: A Phase II Study. *Oncologist*, **2021**, 26, 854-864	5.7	3
26	Frequent mutated B2M, EZH2, IRF8, and TNFRSF14 in primary bone diffuse large B-cell lymphoma reflect a GCB phenotype. *Blood Advances*, **2021**, 5, 3760-3775	7.8	3
25	Ovarian metastases of colorectal and duodenal cancer in familial adenomatous polyposis. *Familial Cancer*, **2012**, 11, 671-3	3	2
24	Frequent mutations in the 3Puntranslated region of IFNGR1 lack functional impairment in microsatellite-unstable colorectal tumours. *European Journal of Human Genetics*, **2008**, 16, 1235-9	5.3	2
23	Real-World Approach for Molecular Analysis of Acquired EGFR Tyrosine Kinase Inhibitor Resistance Mechanisms in NSCLC. *JTO Clinical and Research Reports*, **2021**, 2, 100252	1.4	2
22	Targeting EML4-ALK gene fusion variant 3 in thyroid cancer. *Endocrine-Related Cancer*, **2021**, 28, 377-389	5.7	2
21	Excluding Lynch syndrome in a female patient with metachronous DNA mismatch repair deficient colon- and ovarian cancer. *Familial Cancer*, **2018**, 17, 415-420	3	2
20	SNP association study in PMS2-associated Lynch syndrome. *Familial Cancer*, **2018**, 17, 507-515	3	2
19	Yield and costs of molecular diagnostics on thyroid cytology slides in the Netherlands, adapting the Bethesda classification. *Endocrinology, Diabetes and Metabolism*, **2021**, 4, e00293	2.7	2
18	NTRK fusions are extremely rare in bone tumours. *Histopathology*, **2021**, 79, 880-885	7.3	2
17	Targeted next generation sequencing screening of Lynch syndrome in Tunisian population. *Familial Cancer*, **2019**, 18, 343-348	3	1

16	High-Resolution Analysis of Genomic Copy Number Changes **2010**, 1-31		1
15	Mutational Signature Analysis Reveals NTHL1 Deficiency to Cause a Multi-Tumor Phenotype Including a Predisposition to Colon and Breast Cancer. *SSRN Electronic Journal*,	1	1
14	Apparent Lack of Derived HLA Class I Presented Neoantigens Hampers Neoplastic Cell Targeting by CD8 T Cells in Langerhans Cell Histiocytosis. *Frontiers in Immunology*, **2019**, 10, 3045	8.4	1
13	Chemosensitivity of BRCA1-Mutated Ovarian Cancer Cells and Established Cytotoxic Agents. *International Journal of Gynecological Cancer*, **2017**, 27, 1571-1578	3.5	0
12	Allelic Switching of , , and during Colorectal Cancer Tumorigenesis. *International Journal of Genomics*, **2019**, 2019, 1287671	2.5	0
11	Use of sanger and next-generation sequencing to screen for mosaic and intronic APC variants in unexplained colorectal polyposis patients. *Familial Cancer*, **2021**, 1	3	0
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