Tommy Martinsson

List of Publications by Year
in descending order

216	8,258	38742 50	62596 80
papers	citations	h-index	g-index

228	228	228	8480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Risk-Associated Long Noncoding RNA NBAT-1 Controls Neuroblastoma Progression by Regulating Cell Proliferation and Neuronal Differentiation. Cancer Cell, 2014, 26, 722-737.	16.8	287
2	High incidence of DNA mutations and gene amplifications of the ALK gene in advanced sporadic neuroblastoma tumours. Biochemical Journal, 2008, 416, 153-159.	3.7	246
3	Meta-analysis of Neuroblastomas Reveals a Skewed ALK Mutation Spectrum in Tumors with MYCN Amplification. Clinical Cancer Research, 2010, 16, 4353-4362.	7.0	243
4	Periampullary adenomas and adenocarcinomas in familial adenomatous polyposis: Cumulative risks and APC gene mutations. Gastroenterology, 2001, 121, 1127-1135.	1.3	235
5	High-risk neuroblastoma tumors with 11q-deletion display a poor prognostic, chromosome instability phenotype with later onset. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4323-4328.	7.1	200
6	Emergence of New ALK Mutations at Relapse of Neuroblastoma. Journal of Clinical Oncology, 2014, 32, 2727-2734.	1.6	176
7	Neuroblastoma consensus deletion maps to 1p36.1â€“2. Genes Chromosomes and Cancer, 1989, 1, 159-166.	2.8	166
8	Essential fatty acid deficiency in relation to genotype in patients with cystic fibrosis. Journal of Pediatrics, 2001, 139, 650-655.	1.8	163
9	Autosomal dominant myopathy: Missense mutation (Glu-706 right-arrow Lys) in the myosin heavy chain IIa gene. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 14614-14619.	7.1	149
10	Mutations in PMM2 that cause congenital disorders of glycosylation, type Ia (CDG-Ia). Human Mutation, 2000, 16, 386-394.	2.5	136
11	Psoriasis susceptibility locus in chromosome region 3q21 identified in patients from southwest Sweden. European Journal of Human Genetics, 1999, 7, 783-790.	2.8	131
12	RASSF1A promoter region CpG island hypermethylation in phaeochromocytomas and neuroblastoma tumours. Oncogene, 2001, 20, 7573-7577.	5.9	127
13	Sense-Antisense lncRNA Pair Encoded by Locus 6p22.3 Determines Neuroblastoma Susceptibility via the USP36-CHD7-SOX9 Regulatory Axis. Cancer Cell, 2018, 33, 417-434.e7.	16.8	122
14	Quality Assessment of Genetic Markers Used for Therapy Stratification. Journal of Clinical Oncology, 2003, 21, 2077-2084.	1.6	113
15	Age at onset and different types of psoriasis. British Journal of Dermatology, 1995, 133, 768-773.	1.5	106
16	Case Study: Autism Associated with Marker Chromosome. Journal of the American Academy of Child and Adolescent Psychiatry, 1991, 30, 489-494.	0.5	103
17	Anaplastic Lymphoma Kinase (ALK) regulates initiation of transcription of MYCN in neuroblastoma cells. Oncogene, 2012, 31, 5193-5200.	5.9	103
18	A genome-wide search for genes predisposing to familial psoriasis by using a stratification approach. Human Genetics, 1999, 105, 523-529.	3.8	101

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19	Identification of a Psoriasis Susceptibility Candidate Gene by Linkage Disequilibrium Mapping with a Localized Single Nucleotide Polymorphism Map. Genomics, 2002, 79, 305-314.	2.9	99
20	The CTLA4/CD28 gene region on chromosome 2q33 confers susceptibility to celiac disease in a way possibly distinct from that of type 1 diabetes and other chronic inflammatory disorders. Tissue Antigens, 2000, 56, 350-355.	1.0	98
21	Epigenetic inactivation of the candidate 3p21.3 suppressor gene BLU in human cancers. Oncogene, 2003, 22, 1580-1588.	5.9	98
22	Hereditary myopathy with early respiratory failure associated with a mutation in A-band titin. Brain, 2012, 135, 1682-1694.	7.6	95
23	Deletion of chromosome 1p loci and microsatellite instability in neuroblastomas analyzed with short-tandem repeat polymorphisms. Cancer Research, 1995, 55, 5681-6.	0.9	95
24	A population genetic study of psoriasis. British Journal of Dermatology, 1994, 131, 32-39.	1.5	94
25	COX/mPGES-1/PGE ₂ pathway depicts an inflammatory-dependent high-risk neuroblastoma subset. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8070-8075.	7.1	88
26	High-resolution array copy number analyses for detection of deletion, gain, amplification and copy-neutral LOH in primary neuroblastoma tumors: Four cases of homozygous deletions of the CDKN2A gene. BMC Genomics, 2008, 9, 353.	2.8	84
27	Genome-wide linkage analysis of Scandinavian affected sib-pairs supports presence of susceptibility loci for celiac disease on chromosomes 5 and 11. European Journal of Human Genetics, 2001, 9, 938-944.	2.8	80
28	Appearance of the Novel Activating F1174S ALK Mutation in Neuroblastoma Correlates with Aggressive Tumor Progression and Unresponsiveness to Therapy. Cancer Research, 2011, 71, 98-105.	0.9	80
29	Autosomal dominant myopathy with congenital joint contractures, ophthalmoplegia, and rimmed vacuoles. Annals of Neurology, 1998, 44, 242-248.	5.3	79
30	Analysis of Three Suggested Psoriasis Susceptibility Loci in a Large Swedish Set of Families: Confirmation of Linkage to Chromosome 6p (HLA Region), and to 17q, but not to 4q. Human Heredity, 1999, 49, 2-8.	0.8	73
31	Amplification and enhanced expression of the c-myc oncogene in mouse SEWA tumour cells. Nature, 1985, 315, 345-347.	27.8	71
32	The RASSF gene family members RASSF5, RASSF6 and RASSF7 show frequent DNA methylation in neuroblastoma. Molecular Cancer, 2012, 11, 40.	19.2	69
33	Foxe3 haploinsufficiency in mice: a model for Peters' anomaly. Investigative Ophthalmology and Visual Science, 2002, 43, 1350-7.	3.3	68
34	MYCN-regulated miRNA-92 inhibits secretion of the tumor suppressor DICKKOPF-3 (DKK3) in neuroblastoma. Carcinogenesis, 2011, 32, 1005-1012.	2.8	67
35	Identification of epigenetically regulated genes that predict patient outcome in neuroblastoma. BMC Cancer, 2011, 11, 66.	2.6	67
36	HLA and prognosis in multiple sclerosis. Journal of Neurology, 1994, 241, 385-390.	3.6	63

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37	Genome-wide methylation profiling identifies novel methylated genes in neuroblastoma tumors. Epigenetics, 2016, 11, 74-84.	2.7	63
38	Chromosome I deletions in human neuroblastomas: Generation and fine mapping of microclones from the distal Ip region. Genes Chromosomes and Cancer, 1989, 1, 67-78.	2.8	62
39	Expression of trkB in Human Neuroblastoma in Relation to MYCN Expression and Retinoic Acid Treatment. Laboratory Investigation, 2003, 83, 813-823.	3.7	62
40	Introduction of in vitro transcribed ENO1 mRNA into neuroblastoma cells induces cell death. BMC Cancer, 2005, 5, 161.	2.6	62
41	Frequent detection of human cytomegalovirus in neuroblastoma: A novel therapeutic target?. International Journal of Cancer, 2013, 133, 2351-2361.	5.1	62
42	The ALK inhibitor PF-06463922 is effective as a single agent in neuroblastoma driven by expression of ALK and MYCN. DMM Disease Models and Mechanisms, 2016, 9, 941-52.	2.4	62
43	Loss of heterozygosity of 3p markers in neuroblastoma tumours implicate a tumour-suppressor locus distal to the FHIT gene. British Journal of Cancer, 1998, 77, 1787-1791.	6.4	61
44	A mutation in POLE predisposing to a multi-tumour phenotype. International Journal of Oncology, 2014, 45, 77-81.	3.3	61
45	A large deletion disrupts the exon 3 transcription activation domain of the BRCA2 gene in a breast/ovarian cancer family. Cancer Research, 1998, 58, 1372-5.	0.9	61
46	Cell culture andDrosophilamodel systems define three classes of anaplastic lymphoma kinase mutations in neuroblastoma. DMM Disease Models and Mechanisms, 2013, 6, 373-82.	2.4	59
47	Evidence that HLA-Cw6 determines early onset of psoriasis, obtained using sequence-specific primers (PCR-SSP).. Acta Dermato-Venereologica, 1997, 77, 273-276.	1.3	57
48	Myosin heavy chain IIa gene mutation E706K is pathogenic and its expression increases with age. Neurology, 2002, 58, 780-786.	1.1	56
49	A founder mutation of the BRCA1 gene in Western Sweden associated with a high incidence of breast and ovarian cancer. European Journal of Cancer, 2001, 37, 1904-1909.	2.8	54
50	Screening for gene mutations in a 500â€‰kb neuroblastoma tumor suppressor candidate region in chromosome 1p; mutation and stage-specific expression in UBE4B/UFD2. Oncogene, 2003, 22, 2343-2351.	5.9	54
51	Genetic and epigenetic changes in the common 1p36 deletion in neuroblastoma tumours. British Journal of Cancer, 2007, 97, 1416-1424.	6.4	52
52	Rho-associated kinase is a therapeutic target in neuroblastoma. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6603-E6612.	7.1	52
53	SLIT2 promoter methylation analysis in neuroblastoma, Wilms' tumour and renal cell carcinoma. British Journal of Cancer, 2004, 90, 515-521.	6.4	51
54	Fine Mapping of the Gene for Carbohydrate-Deficient Glycoprotein Syndrome, Type I (CDG1): Linkage Disequilibrium and Founder Effect in Scandinavian Families. Genomics, 1997, 39, 247-253.	2.9	50

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55	The western Swedish BRCA1 founder mutation 3171ins5; a 3.7â€‰cM conserved haplotype of today is a reminiscence of a 1500-year-old mutation. European Journal of Human Genetics, 2001, 9, 787-793.	2.8	50
56	Delimitation of a critical tumour suppressor region at distal 1p in neuroblastoma tumours. European Journal of Cancer, 1997, 33, 1997-2001.	2.8	49
57	Combined111In-pentetreotide scintigraphy and123I-mIBG scintigraphy in neuroblastoma provides prognostic information. Medical and Pediatric Oncology, 2000, 35, 688-691.	1.0	48
58	Failure of shortâ€term mannose therapy of patients with carbohydrateâ€deficient glycoprotein syndrome type 1A. Acta Paediatrica, International Journal of Paediatrics, 1998, 87, 884-888.	1.5	48
59	RNA Helicase A Is a Downstream Mediator of KIF1BÎ² Tumor-Suppressor Function in Neuroblastoma. Cancer Discovery, 2014, 4, 434-451.	9.4	48
60	Dominant Hereditary Inclusion-Body Myopathy Gene (IBM3) Maps to Chromosome Region 17p13.1. American Journal of Human Genetics, 1999, 64, 1420-1426.	6.2	47
61	Clinical response of the novel activating ALK-I1171T mutation in neuroblastoma to the ALK inhibitor ceritinib. Journal of Physical Education and Sports Management, 2018, 4, a002550.	1.2	47
62	A genome-wide search for genes predisposing to familial psoriasis by using a stratification approach. Human Genetics, 1999, 105, 523-529.	3.8	47
63	Gain of chromosome arm 17q is associated with unfavourable prognosis in neuroblastoma, but does not involve mutations in the somatostatin receptor 2 (SSTR2) gene at 17q24. British Journal of Cancer, 1999, 81, 1402-1409.	6.4	46
64	Progress in a genome scan for linkage in schizophrenia in a large Swedish kindred. American Journal of Medical Genetics Part A, 1994, 54, 51-58.	2.4	45
65	Intragenic anaplastic lymphoma kinase (ALK) rearrangements: Translocations as a novel mechanism of ALK activation in neuroblastoma tumors. Genes Chromosomes and Cancer, 2015, 54, 99-109.	2.8	45
66	Dilated cardiomyopathy and the dystrophin gene: an illustrated review.. Heart, 1994, 72, 344-348.	2.9	43
67	Investigation of the role of SDHB inactivation in sporadic phaeochromocytoma and neuroblastoma. British Journal of Cancer, 2004, 91, 1835-1841.	6.4	43
68	Tumor Development, Growth Characteristics and Spectrum of Genetic Aberrations in the TH-MYCN Mouse Model of Neuroblastoma. PLoS ONE, 2012, 7, e51297.	2.5	43
69	Failure of short-term mannose therapy of patients with carbohydrate-deficient glycoprotein syndrome type 1A. Acta Paediatrica, International Journal of Paediatrics, 1998, 87, 884-888.	1.5	42
70	Linkage of a locus for carbohydrate-deficient glycoprotein syndrome type I (CDG1) to chromosome 16p, and linkage disequilibrium to microsatellite marker D16S406. Human Molecular Genetics, 1994, 3, 2037-42.	2.9	42
71	MEK inhibitor trametinib does not prevent the growth of anaplastic lymphoma kinase (ALK)â€“addicted neuroblastomas. Science Signaling, 2017, 10, .	3.6	41
72	Patient-Derived Xenograft Models Reveal Intratumor Heterogeneity and Temporal Stability in Neuroblastoma. Cancer Research, 2018, 78, 5958-5969.	0.9	40

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73	Maternal origin of inv dup(15) chromosomes in infantile autism. European Child and Adolescent Psychiatry, 1996, 5, 185-192.	4.7	39
74	Homozygous deletion of the neurofibromatosis-1 gene in the tumor of a patient with neuroblastoma. Cancer Genetics and Cytogenetics, 1997, 95, 183-189.	1.0	39
75	A Multilocus Technique for Risk Evaluation of Patients with Neuroblastoma. Clinical Cancer Research, 2011, 17, 792-804.	7.0	39
76	Influence of segmental chromosome abnormalities on survival in children over the age of 12 months with unresectable localised peripheral neuroblastic tumours without MYCN amplification. British Journal of Cancer, 2015, 112, 290-295.	6.4	39
77	Single-nuclei transcriptomes from human adrenal gland reveal distinct cellular identities of low and high-risk neuroblastoma tumors. Nature Communications, 2021, 12, 5309.	12.8	38
78	The use of fine-needle aspiration cytology in the molecular characterization of neuroblastoma in children. Cancer, 1999, 87, 60-68.	4.1	37
79	Inverse relation between nasal fluid Clara Cell Protein 16 levels and symptoms and signs of rhinitis in allergen-challenged patients with intermittent allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 178-83.	5.7	37
80	Analyses of apoptotic regulators CASP9 and DFFA at 1P36.2, reveal rare allele variants in human neuroblastoma tumours. British Journal of Cancer, 2002, 86, 596-604.	6.4	36
81	Pleiotropic drug resistance and gene amplification in a SEWA mouse tumor cell line. Experimental Cell Research, 1985, 158, 382-394.	2.6	35
82	A cluster of genes located in 1p36 are down-regulated in neuroblastomas with poor prognosis, but not due to CpG island methylation. Molecular Cancer, 2005, 4, 10.	19.2	35
83	Scandinavian CDG-Ia patients: genotype/phenotype correlation and geographic origin of founder mutations. Human Genetics, 2001, 108, 359-367.	3.8	34
84	Alternative lengthening of telomeresâ€"An enhanced chromosomal instability in aggressive nonâ€MYCN amplified and telomere elongated neuroblastomas. Genes Chromosomes and Cancer, 2011, 50, 250-262.	2.8	34
85	Localization of the multidrug resistance-associated 170 kDa P-glycoprotein gene to mouse chromosome 5 and to homogeneously staining regions in multidrug-resistant mouse cells by in situ hybridization. Cytogenetic and Genome Research, 1987, 45, 99-101.	1.1	33
86	Imbalance of the mitochondrial pro- and anti-apoptotic mediators in neuroblastoma tumours with unfavourable biology. European Journal of Cancer, 2005, 41, 635-646.	2.8	33
87	Fructose 1,6â€bisphosphatase deficiency: enzyme and mutation analysis performed on calcitriolâ€stimulated monocytes with a note on longâ€term prognosis. Journal of Inherited Metabolic Disease, 2010, 33, 113-121.	3.6	33
88	Comprehensive SNP array study of frequently used neuroblastoma cell lines; copy neutral loss of heterozygosity is common in the cell lines but uncommon in primary tumors. BMC Genomics, 2011, 12, 443.	2.8	33
89	Genetic Instability and Intratumoral Heterogeneity in Neuroblastoma with MYCN Amplification Plus 11q Deletion. PLoS ONE, 2013, 8, e53740.	2.5	33
90	Mutations and sequence variation in the human myosin heavy chain IIa gene (MYH2). European Journal of Human Genetics, 2005, 13, 617-622.	2.8	32

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91	The microenvironment of human neuroblastoma supports the activation of tumor-associated T lymphocytes. OncoImmunology, 2013, 2, e23618.	4.6	32
92	The genetic tumor background is an important determinant for heterogeneous MYCNâ€amplified neuroblastoma. International Journal of Cancer, 2016, 139, 153-163.	5.1	32
93	The 1p36 Tumor Suppressor KIF 1Bî² Is Required for Calcineurin Activation, Controlling Mitochondrial Fission and Apoptosis. Developmental Cell, 2016, 36, 164-178.	7.0	32
94	Detailed mapping of the phosphomannomutase 2 (PMM2) gene and mutation detection enable improved analysis for Scandinavian CDG type I families. European Journal of Human Genetics, 1998, 6, 603-611.	2.8	31
95	Fine mapping of a tumour suppressor candidate gene region in 1p36.2-3, commonly deleted in neuroblastomas and germ cell tumours. Medical and Pediatric Oncology, 2001, 36, 61-66.	1.0	31
96	Neuroblastoma tumors with favorable and unfavorable outcomes: Significant differences in mRNA expression of genes mapped at 1p36.2. Genes Chromosomes and Cancer, 2007, 46, 45-52.	2.8	31
97	Frequency and Prognostic Impact of ALK Amplifications and Mutations in the European Neuroblastoma Study Group (SIOPEN) High-Risk Neuroblastoma Trial (HR-NBL1). Journal of Clinical Oncology, 2021, 39, 3377-3390.	1.6	30
98	Genetic counselling in psoriasis: empirical data on psoriasis among first-degree relatives of 3095 psoriatic probands. British Journal of Dermatology, 1997, 137, 939-942.	1.5	30
99	Fine mapping of the human preprocortistatin gene (CORT) to neuroblastoma consensus deletion region 1p36.3â†'p36.2, but absence of mutations in primary tumors. Cytogenetic and Genome Research, 2000, 89, 62-66.	1.1	29
100	Resistance to actinomycin D and to vincristine induced in a SEWA mouse tumor cell line with concomitant appearance of double minutes and a low molecular weight protein. Experimental Cell Research, 1984, 152, 415-426.	2.6	28
101	Genetic counselling in psoriasis: empirical data on psoriasis among first-degree relatives of 3095 psoriatic probands. British Journal of Dermatology, 1997, 137, 939-942.	1.5	27
102	PMM2 mutation spectrum, including 10 novel mutations, in a large CDG type 1A family material with a focus on Scandinavian families. Human Mutation, 2000, 16, 395-400.	2.5	27
103	Stronger association with HLA-Cw6 than with corneodesmosin (S-gene) polymorphisms in Swedish psoriasis patients. Archives of Dermatological Research, 2000, 292, 525-530.	1.9	27
104	Comparative genetic study of intratumoral heterogenous MYCN amplified neuroblastoma versus aggressive genetic profile neuroblastic tumors. Oncogene, 2016, 35, 1423-1432.	5.9	27
105	A new GTF2I-BRAF fusion mediating MAPK pathway activation in pilocytic astrocytoma. PLoS ONE, 2017, 12, e0175638.	2.5	27
106	Localization of a gene for autosomal dominant Larsen syndrome to chromosome region 3p21.1-14.1 in the proximity of, but distinct from, the COL7A1 locus. American Journal of Human Genetics, 1995, 57, 1104-13.	6.2	26
107	S Gene (Corneodesmosin) Diversity and its Relationship to Psoriasis; High Content of cSNP in the HLA-Linked S Gene. Journal of Investigative Dermatology, 2000, 114, 1158-1163.	0.7	25
108	The two human homologues of yeast UFD2 ubiquitination factor, UBE4A and UBE4B, are located in common neuroblastoma deletion regions and are subject to mutations in tumours. European Journal of Cancer, 2006, 42, 381-387.	2.8	25

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109	Neuroblastoma after Childhood: Prognostic Relevance of Segmental Chromosome Aberrations, ATRX Protein Status, and Immune Cell Infiltration. Neoplasia, 2014, 16, 471-480.	5.3	25
110	11q Deletion or ALK Activity Curbs DLG2 Expression to Maintain an Undifferentiated State in Neuroblastoma. Cell Reports, 2020, 32, 108171.	6.4	25
111	Nuclear accumulation of full-length and truncated adenomatous polyposis coli protein in tumor cells depends on proliferation. Oncogene, 2003, 22, 6013-6022.	5.9	24
112	Verification of genes differentially expressed in neuroblastoma tumours: a study of potential tumour suppressor genes. BMC Medical Genomics, 2009, 2, 53.	1.5	24
113	Significantly Earlier Age at Onset for the HLA-Cw6-positive than for the Cw6-Negative Psoriatic Sibling. Journal of Investigative Dermatology, 1997, 109, 695-696.	0.7	23
114	A high frequency of germline BRCA1/2 mutations in western Sweden detected with complementary screening techniques. Familial Cancer, 2005, 4, 89-96.	1.9	23
115	Characterization of multidrug resistance in SEWA mouse tumor cells: increased glutathione transferase activity and reversal of resistance with verapamil. Anticancer Research, 1987, 7, 65-9.	1.1	23
116	Representational difference analysis and loss of heterozygosity studies detect 3p deletions in neuroblastoma. European Journal of Cancer, 1997, 33, 1966-1970.	2.8	21
117	Structural and immunochemical identification of Le(a), Le(b), H type 1, and related glycolipids in small intestinal mucosa of a group O Le(a-b-) nonsecretor. Glycoconjugate Journal, 1997, 14, 209-223.	2.7	21
118	Increased recurrence risk in congenital disorders of glycosylation type Ia (CDG-Ia) due to a transmission ratio distortion. Journal of Medical Genetics, 2004, 41, 877-880.	3.2	21
119	A novel 1p36.2 located gene, APITD1, with tumour-suppressive properties and a putative p53-binding domain, shows low expression in neuroblastoma tumours. British Journal of Cancer, 2004, 91, 1119-1130.	6.4	21
120	MECP2 mutation screening in Swedish classical Rett syndrome females. European Child and Adolescent Psychiatry, 2001, 10, 117-121.	4.7	20
121	Methotrexate resistance and double minutes in a cell line from the SEWA mouse ascites tumor. Hereditas, 2008, 97, 123-137.	1.4	20
122	Quantitative global and gene-specific promoter methylation in relation to biological properties of neuroblastomas. BMC Medical Genetics, 2012, 13, 83.	2.1	20
123	Collecting a set of psoriasis family material through a patient organisation; clinical characterisation and presence of additional disorders. BMC Dermatology, 2005, 5, 10.	2.1	19
124	Stage-dependent expression of PI3K/Akt-pathway genes in neuroblastoma. International Journal of Oncology, 2013, 42, 609-616.	3.3	19
125	Whole-genome sequencing of recurrent neuroblastoma reveals somatic mutations that affect key players in cancer progression and telomere maintenance. Scientific Reports, 2020, 10, 22432.	3.3	19
126	Genome-wide linkage scan for breast cancer susceptibility loci in Swedish hereditary non-BRCA1/2 families: Suggestive linkage to 10q23.32-q25.3. Genes Chromosomes and Cancer, 2007, 46, 302-309.	2.8	18

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127	Amplification and overexpression of the P-glycoprotein genes and differential amplification of three other genes in SEWA murine multidrug-resistant cells. Hereditas, 2008, 108, 251-258.	1.4	18
128	Estimation of copy number aberrations: Comparison of exome sequencing data with SNP microarrays identifies homozygous deletions of 19q13.2 and CIC in neuroblastoma. International Journal of Oncology, 2016, 48, 1103-1116.	3.3	18
129	Analysis of ALK, MYCN, and the ALK ligand ALKAL2 (FAM150B/AUGÎ±) in neuroblastoma patient samples with chromosome arm 2p rearrangements. Genes Chromosomes and Cancer, 2020, 59, 50-57.	2.8	18
130	Tumorigenicity of SEWA murine cells correlates with degree of c-myc amplification. Oncogene, 1988, 3, 437-41.	5.9	18
131	Report of the Sixth International Workshop on Human Chromosome 3 Mapping 1995. Cytogenetic and Genome Research, 1996, 72, 255-270.	1.1	17
132	Multiple mitochondrial DNA deletions in hereditary inclusion body myopathy. Acta Neuropathologica, 2000, 100, 23-28.	7.7	17
133	Exome Sequencing of an Adult Pituitary Atypical Teratoid Rhabdoid Tumor. Frontiers in Oncology, 2015, 5, 236.	2.8	17
134	Variable expression and absence of mutations in p73 in primary neuroblastoma tumors argues against a role in neuroblastoma development.. International Journal of Molecular Medicine, 1999, 3, 585-9.	4.0	16
135	Occurrence of both breast and ovarian cancer in a woman is a marker for the BRCA gene mutations: a population-based study from Western Sweden. Familial Cancer, 2007, 6, 35-41.	1.9	15
136	Germline mutation in the FGFR3 gene in a TWIST1â€•negative family with saethreâ€chotzen syndrome and breast cancer. Genes Chromosomes and Cancer, 2009, 48, 285-288.	2.8	15
137	An improved technique for chromosome preparations from human lymphocytes. Hereditas, 2008, 115, 295-297.	1.4	14
138	Low Frequency ALK Hotspots Mutations In Neuroblastoma Tumours Detected By Ultra-deep Sequencing: Implications For ALK Inhibitor Treatment. Scientific Reports, 2019, 9, 2199.	3.3	14
139	Beneficial effects of ropivacaine in rat experimental colitis. Journal of Pharmacology and Experimental Therapeutics, 1999, 291, 642-7.	2.5	14
140	Genomic organization and chromosomal localization of the human CTP synthetase gene (CTPS). Genomics, 1991, 11, 1088-1096.	2.9	13
141	The Phox2 pathway is differentially expressed in neuroblastoma tumors, but no mutations were found in the candidate tumor suppressor gene PHOX2A. International Journal of Oncology, 2009, 34, 697-705.	3.3	12
142	Constitutional 11q14-q22 chromosome deletion syndrome in a child with neuroblastoma MYCN single copy. European Journal of Medical Genetics, 2013, 56, 626-634.	1.3	12
143	No genetic linkage between multiple sclerosis and the interferon Î±Î² locus. Journal of Neuroimmunology, 1996, 65, 163-165.	2.3	11
144	Mutations in the N-terminal domain of DFF45 in a primary germ cell tumor and in neuroblastoma tumors. International Journal of Oncology, 2004, 25, 1297.	3.3	10

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145	Transfer of methotrexate resistance by somatic cell hybridization. Hereditas, 2008, 99, 293-302.	1.4	10
146	Genetic counselling in psoriasis: empirical data on psoriasis among first-degree relatives of 3095 psoriatic probands. British Journal of Dermatology, 1997, 137, 939-42.	1.5	10
147	Novel cytogenetic expression of gene amplification in actinomycin D-resistant somatic cell hybrids: transfer of resistance by centric chromatin bodies. Chromosoma, 1987, 95, 408-418.	2.2	9
148	Characterization of four melanoma cell lines with electron microscopy, immunocytochemistry, cytogenetics, flow cytometry, and southern analysis. Cancer Genetics and Cytogenetics, 1992, 62, 111-123.	1.0	9
149	Localization of the Human Tripeptidyl Peptidase II Gene (TPP2) to 13q32-q33 by Nonradioactive in Situ Hybridization and Somatic Cell Hybrids. Genomics, 1993, 17, 493-495.	2.9	9
150	Frequency of four cystic fibrosis mutations in a Swedish population. Acta Paediatrica, International Journal of Paediatrics, 1993, 82, 609-609.	1.5	9
151	Isolation of selectively amplified DNA sequences from multidrug-resistant SEWA cells. Hereditas, 2008, 106, 97-105.	1.4	9
152	Age dependence of tumor genetics in unfavorable neuroblastoma: arrayCGH profiles of 34 consecutive cases, using a Swedish 25-year neuroblastoma cohort for validation. BMC Cancer, 2013, 13, 231.	2.6	9
153	Age Dependency of the Prognostic Impact of Tumor Genomics in Localized Resectable MYCN-Nonamplified Neuroblastomas. Report From the SIOPEN Biology Group on the LNESG Trials and a COG Validation Group. Journal of Clinical Oncology, 2020, 38, 3685-3697.	1.6	9
154	Mutations in the N-terminal domain of DFF45 in a primary germ cell tumor and in neuroblastoma tumors. International Journal of Oncology, 2004, 25, 1297-302.	3.3	9
155	Successful DNA-based prenatal exclusion of juvenile neuronal ceroid lipofuscinosis. Prenatal Diagnosis, 1993, 13, 651-657.	2.3	8
156	Denaturing High-Performance Liquid Chromatography Is a Suitable Method for PMM2 Mutation Screening in Carbohydrate-Deficient Glycoprotein Syndrome Type IA Patients. Genetic Testing and Molecular Biomarkers, 2000, 4, 293-297.	1.7	8
157	Sustained Response to Entrectinib in an Infant With a Germline ALKAL2 Variant and Refractory Metastatic Neuroblastoma With Chromosomal 2p Gain and Anaplastic Lymphoma Kinase and Tropomyosin Receptor Kinase Activation. JCO Precision Oncology, 2022, 6, e2100271.	3.0	8
158	MYCN amplicon junctions as tumor-specific targets for minimal residual disease detection in neuroblastoma. International Journal of Oncology, 2011, 39, 1063-71.	3.3	7
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