Frank Speleman

List of Publications by Year
in descending order

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437 papers	49,276 citations	4831 87 h-index	2108 210 g-index
461 all docs	461 docs citations	461 times ranked	66339 citing authors

#	Article	IF	Citations
1	The feasibility of using liquid biopsies as a complementary assay for copy number aberration profiling in routinely collected paediatric cancer patient samples. European Journal of Cancer, 2022, 160, 12-23.	1.3	16
2	Cellular senescence in neuroblastoma. British Journal of Cancer, 2022, 126, 1529-1538.	2.9	5
3	RRM2 enhances MYCN-driven neuroblastoma formation and acts as a synergistic target with CHK1 inhibition. Science Advances, 2022, 8, .	4.7	15
4	PRL3 enhances T-cell acute lymphoblastic leukemia growth through suppressing T-cell signaling pathways and apoptosis. Leukemia, 2021, 35, 679-690.	3.3	11
5	Recurrent chromosomal imbalances provide selective advantage to human embryonic stem cells under enhanced replicative stress conditions. Genes Chromosomes and Cancer, 2021, 60, 272-281.	1.5	3
6	Kalirin-RAC controls nucleokinetic migration in ADRN-type neuroblastoma. Life Science Alliance, 2021, 4, e201900332.	1.3	4
7	A G316A Polymorphism in the Ornithine Decarboxylase Gene Promoter Modulates MYCN-Driven Childhood Neuroblastoma. Cancers, 2021, 13, 1807.	1.7	4
8	MYCN-induced nucleolar stress drives an early senescence-like transcriptional program in hTERT-immortalized RPE cells. Scientific Reports, 2021, 11, 14454.	1.6	6
9	MEIS2 Is an Adrenergic Core Regulatory Transcription Factor Involved in Early Initiation of TH-MYCN-Driven Neuroblastoma Formation. Cancers, 2021, 13, 4783.	1.7	12
10	From DNA Copy Number Gains and Tumor Dependencies to Novel Therapeutic Targets for High-Risk Neuroblastoma. Journal of Personalized Medicine, 2021, 11, 1286.	1.1	2
11	The pitfalls and promise of liquid biopsies for diagnosing and treating solid tumors in children: a review. European Journal of Pediatrics, 2020, 179, 191-202.	1.3	55
12	Large-scale circular RNA deregulation in T-ALL: unlocking unique ectopic expression of molecular subtypes. Blood Advances, 2020, 4, 5902-5914.	2.5	39
13	PHF6 Expression Levels Impact Human Hematopoietic Stem Cell Differentiation. Frontiers in Cell and Developmental Biology, 2020, 8, 599472.	1.8	8
14	Distinct Notch1 and BCL11B requirements mediate human Î³Î´/Î±Î² T cell development. EMBO Reports, 2020, 21, e49006.	2.0	31
15	A novel TLX1-driven T-ALL zebrafish model: comparative genomic analysis with other leukemia models. Leukemia, 2020, 34, 3398-3403.	3.3	12
16	Accelerating drug development for neuroblastoma: Summary of the Second Neuroblastoma Drug Development Strategy forum from Innovative Therapies for Children with Cancer and International Society of Paediatric Oncology Europe Neuroblastoma. European Journal of Cancer, 2020, 136, 52-68.	1.3	42
17	The ETS transcription factor ETV5 is a target of activated ALK in neuroblastoma contributing to increased tumour aggressiveness. Scientific Reports, 2020, 10, 218.	1.6	20
18	SMARTer single cell total RNA sequencing. Nucleic Acids Research, 2019, 47, e93-e93.	6.5	38

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19	Purification of high-quality RNA from a small number of fluorescence activated cell sorted zebrafish cells for RNA sequencing purposes. BMC Genomics, 2019, 20, 228.	1.2	10
20	Integrative analysis identifies lincRNAs up- and downstream of neuroblastoma driver genes. Scientific Reports, 2019, 9, 5685.	1.6	14
21	DREAM target reactivation by core transcriptional regulators supports neuroblastoma growth. Molecular and Cellular Oncology, 2019, 6, 1-3.	0.3	1
22	Long noncoding RNA expression profiling in cancer: Challenges and opportunities. Genes Chromosomes and Cancer, 2019, 58, 191-199.	1.5	117
23	Pinpointing a potential role for CLEC12B in cancer predisposition through familial exome sequencing. Pediatric Blood and Cancer, 2019, 66, e27513.	0.8	3
24	ALK positively regulates MYCN activity through repression of HBP1 expression. Oncogene, 2019, 38, 2690-2705.	2.6	17
25	Abstract 3696:PHF6loss drives IL7R oncogene addiction in TLX1 driven T-ALL. , 2019, , .		0
26	Genomic Amplifications and Distal 6q Loss: Novel Markers for Poor Survival in High-risk Neuroblastoma Patients. Journal of the National Cancer Institute, 2018, 110, 1084-1093.	3.0	73
27	Network Modeling of microRNAâ€“mRNA Interactions in Neuroblastoma Tumorigenesis Identifies miR-204 as a Direct Inhibitor of MYCN. Cancer Research, 2018, 78, 3122-3134.	0.4	48
28	Epigenetic regulation of neuroblastoma development. Cell and Tissue Research, 2018, 372, 309-324.	1.5	36
29	Promoter-associated proteins of EPAS1 identified by enChIP-MS â€“ A putative role of HDX as a negative regulator. Biochemical and Biophysical Research Communications, 2018, 499, 291-298.	1.0	10
30	TBX2 is a neuroblastoma core regulatory circuitry component enhancing MYCN/FOXM1 reactivation of DREAM targets. Nature Communications, 2018, 9, 4866.	5.8	91
31	Integrated proximal proteomics reveals IRS2 as a determinant of cell survival in ALK-driven neuroblastoma. Science Signaling, 2018, 11, .	1.6	33
32	A mechanistic classification of clinical phenotypes in neuroblastoma. Science, 2018, 362, 1165-1170.	6.0	213
33	In silico discovery of a FOXM1 driven embryonal signaling pathway in therapy resistant neuroblastoma tumors. Scientific Reports, 2018, 8, 17468.	1.6	11
34	Expressed repetitive elements are broadly applicable reference targets for normalization of reverse transcription-qPCR data in mice. Scientific Reports, 2018, 8, 7642.	1.6	10
35	A comprehensive inventory of TLX1 controlled long non-coding RNAs in T-cell acute lymphoblastic leukemia through polyA+ and total RNA sequencing. Haematologica, 2018, 103, e585-e589.	1.7	20
36	Cell of origin dictates aggression and stem cell number in acute lymphoblastic leukemia. Leukemia, 2018, 32, 1860-1865.	3.3	23

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37	Vehicle development, pharmacokinetics and toxicity of the anti-invasive agent 4-fluoro-3â€™,4â€™,5â€™-trimethoxychalcone in rodents. PLoS ONE, 2018, 13, e0192548.	1.1	8
38	A high-throughput 3â€™ UTR reporter screening identifies microRNA interactomes of cancer genes. PLoS ONE, 2018, 13, e0194017.	1.1	15
39	LDHA in Neuroblastoma Is Associated with Poor Outcome and Its Depletion Decreases Neuroblastoma Growth Independent of Aerobic Glycolysis. Clinical Cancer Research, 2018, 24, 5772-5783.	3.2	48
40	Meta-mining of copy number profiles of high-risk neuroblastoma tumors. Scientific Data, 2018, 5, 180240.	2.4	27
41	Circulating microRNA biomarkers for metastatic disease in neuroblastoma patients. JCI Insight, 2018, 3, .	2.3	28
42	The mutational landscape of MYCN, Lin28b and ALKF1174L driven murine neuroblastoma mimics human disease. Oncotarget, 2018, 9, 8334-8349.	0.8	6
43	T-ALL and thymocytes: a message of noncoding RNAs. Journal of Hematology and Oncology, 2017, 10, 66.	6.9	24
44	Long non-coding RNAs in leukemia: biology and clinical impact. Current Opinion in Hematology, 2017, 24, 353-358.	1.2	15
45	Shallow Whole Genome Sequencing on Circulating Cell-Free DNA Allows Reliable Noninvasive Copy-Number Profiling in Neuroblastoma Patients. Clinical Cancer Research, 2017, 23, 6305-6314.	3.2	113
46	Comprehensive miRNA expression profiling in human T-cell acute lymphoblastic leukemia by small RNA-sequencing. Scientific Reports, 2017, 7, 7901.	1.6	49
47	Dual targeting of MDM2 and BCL2 as a therapeutic strategy in neuroblastoma. Oncotarget, 2017, 8, 57047-57057.	0.8	19
48	Abstract 5506: SOX11 acts as part of the MYCN-WEE1 regulatory protein complex implicated in neuroblastoma. , 2017, , .		1
49	Targeting tachykinin receptors in neuroblastoma. Oncotarget, 2017, 8, 430-443.	0.8	19
50	Early and late effects of pharmacological ALK inhibition on the neuroblastoma transcriptome. Oncotarget, 2017, 8, 106820-106832.	0.8	2
51	Abstract 1527: BRD3 as a specific vulnerable therapeutic target in neuroblastoma. , 2017, , .		0
52	Abstract 4886: The BRIP1 DNA helicase is a 17q dosage sensitive cooperative driver in neuroblastoma. , 2017, , .		0
53	Abstract 5815: The HBP1 tumor suppressor is a negative epigenetic regulator of MYCN driven neuroblastoma through interaction with the PRC2 complex. , 2017, , .		0
54	Abstract LB-051: High LDHA expression predicts decreased survival in neuroblastoma. , 2017, , .		0

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55	Neuroblastoma: A Tough Nut to Crack. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2016, 35, e548-e557.	1.8	37
56	GATA3 induces human T-cell commitment by restraining Notch activity and repressing NK-cell fate. Nature Communications, 2016, 7, 11171.	5.8	57
57	Depletion of tRNA-halves enables effective small RNA sequencing of low-input murine serum samples. Scientific Reports, 2016, 6, 37876.	1.6	17
58	Glutathione biosynthesis is upregulated at the initiation of MYCNâ€driven neuroblastoma tumorigenesis. Molecular Oncology, 2016, 10, 866-878.	2.1	23
59	Long noncoding RNA signatures define oncogenic subtypes in T-cell acute lymphoblastic leukemia. Leukemia, 2016, 30, 1927-1930.	3.3	32
60	Stage 4S neuroblastoma tumors show a characteristic DNA methylation portrait. Epigenetics, 2016, 11, 761-771.	1.3	24
61	RT-qPCR gene expression analysis in zebrafish. Methods in Cell Biology, 2016, 135, 329-342.	0.5	8
62	LIN28B overexpression defines a novel fetal-like subgroup of juvenile myelomonocytic leukemia. Blood, 2016, 127, 1163-1172.	0.6	48
63	DNA methylation profiling of primary neuroblastoma tumors using methyl-CpG-binding domain sequencing. Scientific Data, 2016, 3, 160004.	2.4	11
64	LIN28B is over-expressed in specific subtypes of pediatric leukemia and regulates lncRNA H19. Haematologica, 2016, 101, e240-e244.	1.7	18
65	Targeting MYCN-Driven Transcription By BET-Bromodomain Inhibition. Clinical Cancer Research, 2016, 22, 2470-2481.	3.2	147
66	RPPA-Based Protein Profiling Reveals Enhanced PI3K/AKT/mTOR Signaling in ETV6/RUNX1-Positive Acute Lymphoblastic Leukemia Patients with Low CD200 Expression. Blood, 2016, 128, 890-890.	0.6	1
67	MYCN and HDAC5 transcriptionally repress CD9 to trigger invasion and metastasis in neuroblastoma. Oncotarget, 2016, 7, 66344-66359.	0.8	30
68	Unique long non-coding RNA expression signature in ETV6/RUNX1-driven B-cell precursor acute lymphoblastic leukemia. Oncotarget, 2016, 7, 73769-73780.	0.8	30
69	Methyl-CpG-binding domain sequencing reveals a prognostic methylation signature in neuroblastoma. Oncotarget, 2016, 7, 1960-1972.	0.8	26
70	Abstract A28: Expanding the TLX1 regulome in T-cell acute lymphoblastic leukemia towards long noncoding RNAs. , 2016, , .		0
71	Impact of Age and Treatment Group in Childhood High Hyperdiploid Low Risk B-Cell Acute Lymphoblastic Leukemia (ALL): Results of the CLG-EORTC 58951 Study. Blood, 2016, 128, 1743-1743.	0.6	0
72	Inhibition of CDK4/6 as a novel therapeutic option for neuroblastoma. Cancer Cell International, 2015, 15, 76.	1.8	38

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73	The H3K27me3 demethylase UTX is a gender-specific tumor suppressor in T-cell acute lymphoblastic leukemia. Blood, 2015, 125, 13-21.	0.6	168
74	MYCN transcriptionally represses CD9 to trigger an invasion-metastasis cascade in neuroblastoma. Molecular and Cellular Pediatrics, 2015, 2, A13.	1.0	0
75	ZEB2 drives immature T-cell lymphoblastic leukaemia development via enhanced tumour-initiating potential and IL-7 receptor signalling. Nature Communications, 2015, 6, 5794.	5.8	75
76	miR-135a Inhibits Cancer Stem Cell-Driven Medulloblastoma Development by Directly Repressing Arhgef6 Expression. Stem Cells, 2015, 33, 1377-1389.	1.4	35
77	MYCN-driven regulatory mechanisms controlling LIN28B in neuroblastoma. Cancer Letters, 2015, 366, 123-132.	3.2	51
78	Novel biological insights in T-cell acute lymphoblastic leukemia. Experimental Hematology, 2015, 43, 625-639.	0.2	97
79	Characterization of the genome-wide TLX1 binding profile in T-cell acute lymphoblastic leukemia. Leukemia, 2015, 29, 2317-2327.	3.3	23
80	Molecular basis and clinical significance of genetic aberrations in B-cell precursor acute lymphoblastic leukemia. Experimental Hematology, 2015, 43, 640-653.	0.2	20
81	Mutational dynamics between primary and relapse neuroblastomas. Nature Genetics, 2015, 47, 872-877.	9.4	253
82	A Cre-conditional MYCN-driven neuroblastoma mouse model as an improved tool for preclinical studies. Oncogene, 2015, 34, 3357-3368.	2.6	112
83	Genome wide expression profiling of p53 regulated miRNAs in neuroblastoma. Scientific Reports, 2015, 5, 9027.	1.6	29
84	Upregulation of MAPK Negative Feedback Regulators and RET in Mutant ALK Neuroblastoma: Implications for Targeted Treatment. Clinical Cancer Research, 2015, 21, 3327-3339.	3.2	76
85	Therapeutic targeting of the MYC signal by inhibition of histone chaperone FACT in neuroblastoma. Science Translational Medicine, 2015, 7, 312ra176.	5.8	120
86	Refinement of the critical 2p25.3 deletion region: the role of MYT1L in intellectual disability and obesity. Genetics in Medicine, 2015, 17, 460-466.	1.1	45
87	Epigenetics in Tâ€cell acute lymphoblastic leukemia. Immunological Reviews, 2015, 263, 50-67.	2.8	61
88	miRâ€542â€3p exerts tumor suppressive functions in neuroblastoma by downregulating <scp>S</scp>urvivin. International Journal of Cancer, 2015, 136, 1308-1320.	2.3	78
89	Revised Risk Estimation and Treatment Stratification of Low- and Intermediate-Risk Neuroblastoma Patients by Integrating Clinical and Molecular Prognostic Markers. Clinical Cancer Research, 2015, 21, 1904-1915.	3.2	80
90	MicroRNA-193b-3p acts as a tumor suppressor by targeting the MYB oncogene in T-cell acute lymphoblastic leukemia. Leukemia, 2015, 29, 798-806.	3.3	91

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91	MYCN-targeting miRNAs are predominantly downregulated during MYCN-driven neuroblastoma tumor formation. Oncotarget, 2015, 6, 5204-5216.	0.8	38
92	CD200/BTLA deletions in pediatric precursor B-cell acute lymphoblastic leukemia treated according to the EORTC-CLG 58951 protocol. Haematologica, 2015, 100, 1311-1319.	1.7	8
93	Abstract 4731: Targeting super-enhancer induced gene expression with the novel BRD4 inhibitor OTX015 in preclinical models of MYCN-amplified neuroblastoma. , 2015, , .		0
94	Abstract B05: Transcriptional antagonism between the cooperative oncogenes TLX1 and NOTCH1 in T-cell acute lymphoblastic leukemia.. , 2015, , .		0
95	Expressed Repeat Elements Improve RT-qPCR Normalization across a Wide Range of Zebrafish Gene Expression Studies. PLoS ONE, 2014, 9, e109091.	1.1	38
96	ViVar: A Comprehensive Platform for the Analysis and Visualization of Structural Genomic Variation. PLoS ONE, 2014, 9, e113800.	1.1	45
97	CASP8 SNP D302H (rs1045485) Is Associated with Worse Survival in MYCN-Amplified Neuroblastoma Patients. PLoS ONE, 2014, 9, e114696.	1.1	15
98	Histone Chaperone CHAF1A Inhibits Differentiation and Promotes Aggressive Neuroblastoma. Cancer Research, 2014, 74, 765-774.	0.4	47
99	Emergence of New ALK Mutations at Relapse of Neuroblastoma. Journal of Clinical Oncology, 2014, 32, 2727-2734.	0.8	176
100	Characterization of a set of tumor suppressor microRNAs in T cell acute lymphoblastic leukemia. Science Signaling, 2014, 7, ra111.	1.6	36
101	MicroRNA-128-3p is a novel oncomiR targeting PHF6 in T-cell acute lymphoblastic leukemia. Haematologica, 2014, 99, 1326-1333.	1.7	55
102	The H3K27me3 demethylase UTX in normal development and disease. Epigenetics, 2014, 9, 658-668.	1.3	109
103	Genome dynamics of the human embryonic kidney 293 lineage in response to cell biology manipulations. Nature Communications, 2014, 5, 4767.	5.8	421
104	A nanobody modulates the p53 transcriptional program without perturbing its functional architecture. Nucleic Acids Research, 2014, 42, 12928-12938.	6.5	32
105	The epigenetic landscape of T-cell acute lymphoblastic leukemia. International Journal of Biochemistry and Cell Biology, 2014, 53, 547-557.	1.2	20
106	Lack of association betweenMDM2promoter SNP309 and clinical outcome in patients with neuroblastoma. Pediatric Blood and Cancer, 2014, 61, 1867-1870.	0.8	5
107	The Notch driven long non-coding RNA repertoire in T-cell acute lymphoblastic leukemia. Haematologica, 2014, 99, 1808-1816.	1.7	50
108	RNA G-quadruplexes cause eIF4A-dependent oncogene translation in cancer. Nature, 2014, 513, 65-70.	13.7	506

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109	Mate pair sequencing for the detection of chromosomal aberrations in patients with intellectual disability and congenital malformations. European Journal of Human Genetics, 2014, 22, 652-659.	1.4	32
110	Pharmacologic activation of wild-type p53 by nutlin therapy in childhood cancer. Cancer Letters, 2014, 344, 157-165.	3.2	39
111	ABT-199 mediated inhibition of BCL-2 as a novel therapeutic strategy in T-cell acute lymphoblastic leukemia. Blood, 2014, 124, 3738-3747.	0.6	198
112	Activated Alk triggers prolonged neurogenesis and Ret upregulation providing a therapeutic target in ALK-mutated neuroblastoma. Oncotarget, 2014, 5, 2688-2702.	0.8	89
113	Emergence of new ALK mutations at relapse of neuroblastoma.. Journal of Clinical Oncology, 2014, 32, 11006-11006.	0.8	0
114	Abstract 3967: BET protein inhibitor OTX015 has selective anti-tumoral activity in preclinical models of MYCN- amplified neuroblastoma. , 2014, , .		0
115	Prognostic Relevance of CD200/Btla Deletions in Pediatric Precursor-B Cell Acute Lymphoblastic Leukemia Treated According to the EORTC-CLG 58951 Protocol. Blood, 2014, 124, 2394-2394.	0.6	0
116	The NOTCH1 Driven Long Non-Coding RNA Repertoire in T-Cell Acute Lymphoblastic Leukemia. Blood, 2014, 124, 900-900.	0.6	0
117	Transcriptional Antagonism Between the Cooperative Oncogenes TLX1 and NOTCH1 in T-Cell Acute Lymphoblastic Leukemia. Blood, 2014, 124, 3588-3588.	0.6	0
118	MYCN and ALKF1174L are sufficient to drive neuroblastoma development from neural crest progenitor cells. Oncogene, 2013, 32, 1059-1065.	2.6	84
119	Modulation of neuroblastoma disease pathogenesis by an extensive network of epigenetically regulated microRNAs. Oncogene, 2013, 32, 2927-2936.	2.6	84
120	Novel TAL1 targets beyond protein-coding genes: identification of TAL1-regulated microRNAs in T-cell acute lymphoblastic leukemia. Leukemia, 2013, 27, 1603-1606.	3.3	22
121	MiRâ€137 functions as a tumor suppressor in neuroblastoma by downregulating KDM1A. International Journal of Cancer, 2013, 133, 1064-1073.	2.3	91
122	Comprehensive Analysis of Transcriptome Variation Uncovers Known and Novel Driver Events in T-Cell Acute Lymphoblastic Leukemia. PLoS Genetics, 2013, 9, e1003997.	1.5	110
123	Hyperdiploidy with 58-66 chromosomes in childhood B-acute lymphoblastic leukemia is highly curable: 58951 CLG-EORTC results. Blood, 2013, 121, 2415-2423.	0.6	61
124	Dynamic Activity of miR-125b and miR-93 during Murine Neural Stem Cell Differentiation In Vitro and in the Subventricular Zone Neurogenic Niche. PLoS ONE, 2013, 8, e67411.	1.1	30
125	Effective Alu Repeat Based RT-Qpcr Normalization in Cancer Cell Perturbation Experiments. PLoS ONE, 2013, 8, e71776.	1.1	13
126	A p53 Drug Response Signature Identifies Prognostic Genes in High-Risk Neuroblastoma. PLoS ONE, 2013, 8, e79843.	1.1	34

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127	Focal DNA Copy Number Changes in Neuroblastoma Target MYCN Regulated Genes. PLoS ONE, 2013, 8, e52321.	1.1	37
128	CLL Cells Respond to B-Cell Receptor Stimulation with a MicroRNA/mRNA Signature Associated with MYC Activation and Cell Cycle Progression. PLoS ONE, 2013, 8, e60275.	1.1	31
129	BET bromodomain protein inhibition is a therapeutic option for medulloblastoma. Oncotarget, 2013, 4, 2080-2095.	0.8	122
130	Abstract 4596: LIN28B drives neuroblastoma oncogenesis through let7-MYCN signaling.. , 2013, , .		0
131	Expanding The TLX1-Regulome In T Cell Acute Lymphoblastic Leukemia Towards Long Non-Coding RNAs. Blood, 2013, 122, 813-813.	0.6	0
132	Pharmacological activation of the p53 pathway by nutlin-3 exerts anti-tumoral effects in medulloblastomas. Neuro-Oncology, 2012, 14, 859-869.	0.6	48
133	Targeted Expression of Mutated ALK Induces Neuroblastoma in Transgenic Mice. Science Translational Medicine, 2012, 4, 141ra91.	5.8	147
134	Exon-level expression analyses identify MYCN and NTRK1 as major determinants of alternative exon usage and robustly predict primary neuroblastoma outcome. British Journal of Cancer, 2012, 107, 1409-1417.	2.9	24
135	Lysine-specific demethylase 1 restricts hematopoietic progenitor proliferation and is essential for terminal differentiation. Leukemia, 2012, 26, 2039-2051.	3.3	171
136	Genome-wide promoter methylation analysis in neuroblastoma identifies prognostic methylation biomarkers. Genome Biology, 2012, 13, R95.	13.9	64
137	Synthetic lethality between Rb, p53 and Dicer or miR-17â€“92 in retinal progenitors suppresses retinoblastoma formation. Nature Cell Biology, 2012, 14, 958-965.	4.6	79
138	Identification of BIRC6 as a novel intervention target for neuroblastoma therapy. BMC Cancer, 2012, 12, 285.	1.1	25
139	Segmental chromosomal alterations have prognostic impact in neuroblastoma: a report from the INRG project. British Journal of Cancer, 2012, 107, 1418-1422.	2.9	151
140	LIN28B induces neuroblastoma and enhances MYCN levels via let-7 suppression. Nature Genetics, 2012, 44, 1199-1206.	9.4	336
141	N-Cadherin in Neuroblastoma Disease: Expression and Clinical Significance. PLoS ONE, 2012, 7, e31206.	1.1	39
142	Dickkopfâ€3 is regulated by the MYCNâ€induced miRâ€17â€92 cluster in neuroblastoma. International Journal of Cancer, 2012, 130, 2591-2598.	2.3	43
143	Identification of a novel recurrent 1q42.2â€1qter deletion in high risk MYCN single copy 11q deleted neuroblastomas. International Journal of Cancer, 2012, 130, 2599-2606.	2.3	37
144	PRDM16 (1p36) translocations define a distinct entity of myeloid malignancies with poor prognosis but may also occur in lymphoid malignancies. British Journal of Haematology, 2012, 156, 76-88.	1.2	48

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145	Highâ€risk clonal evolution in chronic <scp>B</scp>â€lymphocytic leukemia: singleâ€center interphase fluorescence in situ hybridization study and review of the literature. European Journal of Haematology, 2012, 89, 72-80.	1.1	20
146	Copy number defects of G1â€Cell cycle genes in neuroblastoma are frequent and correlate with high expression of E2F target genes and a poor prognosis. Genes Chromosomes and Cancer, 2012, 51, 10-19.	1.5	57
147	Isolation of disseminated neuroblastoma cells from bone marrow aspirates for pretreatment risk assessment by array comparative genomic hybridization. International Journal of Cancer, 2012, 130, 1098-1108.	2.3	7
148	Cancer Gene Prioritization for Targeted Resequencing Using FitSNP Scores. PLoS ONE, 2012, 7, e31333.	1.1	2
149	Measurable impact of RNA quality on gene expression results from quantitative PCR. Nucleic Acids Research, 2011, 39, e63-e63.	6.5	146
150	A cooperative microRNA-tumor suppressor gene network in acute T-cell lymphoblastic leukemia (T-ALL). Nature Genetics, 2011, 43, 673-678.	9.4	244
151	Soft tissue tumors: Clear cell sarcoma. Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2011, , .	0.1	0
152	ATBF1 (AT-binding transcription factor 1). Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2011, , .	0.1	0
153	EVI1â€mediated down regulation of MIR449A is essential for the survival of EVI1 positive leukaemic cells. British Journal of Haematology, 2011, 154, 337-348.	1.2	20
154	Hsa-mir-145 is the top EWS-FLI1-repressed microRNA involved in a positive feedback loop in Ewing's sarcoma. Oncogene, 2011, 30, 2173-2180.	2.6	87
155	PHF6 mutations in adult acute myeloid leukemia. Leukemia, 2011, 25, 130-134.	3.3	142
156	MicroRNA miR-885-5p targets CDK2 and MCM5, activates p53 and inhibits proliferation and survival. Cell Death and Differentiation, 2011, 18, 974-984.	5.0	133
157	Neuroblastoma genetics and phenotype: A tale of heterogeneity. Seminars in Cancer Biology, 2011, 21, 238-244.	4.3	25
158	Functional Analysis of the p53 Pathway in Neuroblastoma Cells Using the Small-Molecule MDM2 Antagonist Nutlin-3. Molecular Cancer Therapeutics, 2011, 10, 983-993.	1.9	61
159	miRNA Expression Profiling Enables Risk Stratification in Archived and Fresh Neuroblastoma Tumor Samples. Clinical Cancer Research, 2011, 17, 7684-7692.	3.2	92
160	High ALK Receptor Tyrosine Kinase Expression Supersedes ALK Mutation as a Determining Factor of an Unfavorable Phenotype in Primary Neuroblastoma. Clinical Cancer Research, 2011, 17, 5082-5092.	3.2	95
161	A Multilocus Technique for Risk Evaluation of Patients with Neuroblastoma. Clinical Cancer Research, 2011, 17, 792-804.	3.2	39
162	Neuroblastoma epigenetics: From candidate gene approaches to genome-wide screenings. Epigenetics, 2011, 6, 962-970.	1.3	50

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163	The microRNA body map: dissecting microRNA function through integrative genomics. Nucleic Acids Research, 2011, 39, e136-e136.	6.5	72
164	Refinement of 1p36 Alterations Not Involving PRDM16 in Myeloid and Lymphoid Malignancies. PLoS ONE, 2011, 6, e26311.	1.1	17
165	PRDM16 (1p36) translocations define a distinct entity of myeloid malignancies with poor prognosis but may also occur in lymphoid malignancies.. Journal of Clinical Oncology, 2011, 29, 6531-6531.	0.8	1
166	In Childhood B-Lineage Acute Lymphoblastic Leukemia (B-ALL) with Hyperdiploidy >50 Chromosomes, Patients with 58 to 66 Chromosomes Have 99% EFS At 6-Year Follow-up: Results of the EORTC CLG 58951 Trial. Blood, 2011, 118, 565-565.	0.6	1
167	Regulatory Networks Governed by MicroRNAs in T-ALL Oncogenesis and Normal T-Cell Development. Blood, 2011, 118, 1366-1366.	0.6	0
168	Multiplex Amplicon Quantification (MAQ), a fast and efficient method for the simultaneous detection of copy number alterations in neuroblastoma. BMC Genomics, 2010, 11, 298.	1.2	29
169	Signaling of ERBB receptor tyrosine kinases promotes neuroblastoma growth in vitro and in vivo. Cancer, 2010, 116, 3233-3243.	2.0	39
170	Accurate prediction of neuroblastoma outcome based on miRNA expression profiles. International Journal of Cancer, 2010, 127, 2374-2385.	2.3	88
171	Giant axonal neuropathy caused by compound heterozygosity for a maternally inherited microdeletion and a paternal mutation within the GAN gene. American Journal of Medical Genetics, Part A, 2010, 152A, 2802-2804.	0.7	19
172	MYCN/c-MYC-induced microRNAs repress coding gene networks associated with poor outcome in MYCN/c-MYC-activated tumors. Oncogene, 2010, 29, 1394-1404.	2.6	112
173	An integrative genomics screen uncovers ncRNA T-UCR functions in neuroblastoma tumours. Oncogene, 2010, 29, 3583-3592.	2.6	141
174	miR-9, a MYC/MYCN-activated microRNA, regulates E-cadherin and cancer metastasis. Nature Cell Biology, 2010, 12, 247-256.	4.6	1,216
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