

# John K Cowell

## List of Publications by Year in descending order

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214  
papers

9,979  
citations

36203

51  
h-index

46693

89  
g-index

219  
all docs

219  
docs citations

219  
times ranked

11467  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of LGI1 as the antigen in limbic encephalitis previously attributed to potassium channels: a case series. <i>Lancet Neurology</i> , The, 2010, 9, 776-785.	4.9	947
2	Insulin-like growth factor-II gene expression in Wilms' tumour and embryonic tissues. <i>Nature</i> , 1985, 317, 260-262.	13.7	419
3	Monocytic and granulocytic myeloid derived suppressor cells differentially regulate spatiotemporal tumour plasticity during metastatic cascade. <i>Nature Communications</i> , 2017, 8, 14979.	5.8	292
4	The TACC domain identifies a family of centrosomal proteins that can interact with microtubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 14352-14357.	3.3	250
5	Molecular Study of Malignant Gliomas Treated with Epidermal Growth Factor Receptor Inhibitors: Tissue Analysis from North American Brain Tumor Consortium Trials 01-03 and 00-01. <i>Clinical Cancer Research</i> , 2005, 11, 7841-7850.	3.2	238
6	Targeted therapy of human malignant glioma in a mouse model by 2-5A antisense directed against telomerase RNA. <i>Oncogene</i> , 1998, 16, 3323-3330.	2.6	194
7	Expression of oligodendrocyte progenitor cell antigens by gliomas: Implications for the histogenesis of brain tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 10361-10366.	3.3	175
8	A novel gene, LGI1, from 10q24 is rearranged and downregulated in malignant brain tumors. <i>Oncogene</i> , 1998, 17, 2873-2881.	2.6	169
9	Antisense telomerase treatment: induction of two distinct pathways, apoptosis and differentiation. <i>FASEB Journal</i> , 1998, 12, 801-811.	0.2	166
10	Inhibition of telomerase increases the susceptibility of human malignant glioblastoma cells to cisplatin-induced apoptosis. <i>Oncogene</i> , 1998, 16, 2243-2248.	2.6	159
11	Manipulation of nonsense mediated decay identifies gene mutations in colon cancer Cells with microsatellite instability. <i>Oncogene</i> , 2004, 23, 639-645.	2.6	154
12	Evaluating human cancer cell metastasis in zebrafish. <i>BMC Cancer</i> , 2013, 13, 453.	1.1	151
13	Oncogenic point mutations in exon 20 of the RB1 gene in families showing incomplete penetrance and mild expression of the retinoblastoma phenotype.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 6177-6181.	3.3	122
14	The Third Member of the Transforming Acidic Coiled Coil-Containing Gene Family, TACC3, Maps in 4p16, Close to Translocation Breakpoints in Multiple Myeloma, and Is Upregulated in Various Cancer Cell Lines. <i>Genomics</i> , 1999, 58, 165-170.	1.3	121
15	Constitutional mutations in the WT1 gene in patients with Denys-Drash syndrome. <i>Human Molecular Genetics</i> , 1992, 1, 301-305.	1.4	118
16	Cloning of TACC1, an embryonically expressed, potentially transforming coiled coil containing gene, from the 8p11 breast cancer amplicon. <i>Oncogene</i> , 1999, 18, 4032-4038.	2.6	111
17	Ubiquitin-conjugating enzyme UBE2C: molecular biology, role in tumorigenesis, and potential as a biomarker. <i>Tumor Biology</i> , 2012, 33, 723-730.	0.8	108
18	Lgi1 null mutant mice exhibit myoclonic seizures and CA1 neuronal hyperexcitability. <i>Human Molecular Genetics</i> , 2010, 19, 1702-1711.	1.4	106

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19	Genome-wide aberrations in pancreatic adenocarcinoma. <i>Cancer Genetics and Cytogenetics</i> , 2005, 161, 36-50.	1.0	104
20	Down-Regulation of WAVE3, a Metastasis Promoter Gene, Inhibits Invasion and Metastasis of Breast Cancer Cells. <i>American Journal of Pathology</i> , 2007, 170, 2112-2121.	1.9	103
21	WAVE3 promotes cell motility and invasion through the regulation of MMP-1, MMP-3, and MMP-9 expression. <i>Experimental Cell Research</i> , 2005, 308, 135-145.	1.2	99
22	A role for p300/CREB binding protein genes in promoting cancer progression in colon cancer cell lines with microsatellite instability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1273-1278.	3.3	98
23	The involvement of JAK-STAT3 in cell motility, invasion, and metastasis. <i>Jak-stat</i> , 2014, 3, e28086.	2.2	98
24	A photographic representation of the variability in the G-banded structure of the chromosomes in the mouse karyotype. <i>Chromosoma</i> , 1984, 89, 294-320.	1.0	95
25	WAVE3-mediated Cell Migration and Lamellipodia Formation Are Regulated Downstream of Phosphatidylinositol 3-Kinase. <i>Journal of Biological Chemistry</i> , 2005, 280, 21748-21755.	1.6	94
26	LGI1, a Putative Tumor Metastasis Suppressor Gene, Controls in Vitro Invasiveness and Expression of Matrix Metalloproteinases in Glioma Cells through the ERK1/2 Pathway. <i>Journal of Biological Chemistry</i> , 2004, 279, 23151-23157.	1.6	93
27	Identifying candidate colon cancer tumor suppressor genes using inhibition of nonsense-mediated mRNA decay in colon cancer cells. <i>Oncogene</i> , 2007, 26, 2873-2884.	2.6	90
28	Radiation-Induced Meningioma: A Distinct Molecular Genetic Pattern?. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000, 59, 614-620.	0.9	85
29	Development of Autoimmunity in IL-14 $\alpha$ -Transgenic Mice. <i>Journal of Immunology</i> , 2006, 177, 5676-5686.	0.4	84
30	2-5A Antisense Directed against Telomerase RNA Produces Apoptosis in Ovarian Cancer Cells. <i>Gynecologic Oncology</i> , 2000, 76, 183-192.	0.6	83
31	Homozygous deletion of a DNA marker from chromosome 11p13 in sporadic Wilms tumor. <i>Genomics</i> , 1988, 3, 25-31.	1.3	81
32	c-Abl-mediated Phosphorylation of WAVE3 Is Required for Lamellipodia Formation and Cell Migration. <i>Journal of Biological Chemistry</i> , 2007, 282, 26257-26265.	1.6	81
33	Primary tumor-induced immunity eradicates disseminated tumor cells in syngeneic mouse model. <i>Nature Communications</i> , 2019, 10, 1430.	5.8	77
34	The neural progenitor-restricted isoform of the MARK4 gene in 19q13.2 is upregulated in human gliomas and overexpressed in a subset of glioblastoma cell lines. <i>Oncogene</i> , 2003, 22, 2581-2591.	2.6	76
35	Copy Number and Gene Expression Alterations in Radiation-Induced Papillary Thyroid Carcinoma from Chernobyl Pediatric Patients. <i>Thyroid</i> , 2010, 20, 475-487.	2.4	76
36	Ponatinib suppresses the development of myeloid and lymphoid malignancies associated with FGFR1 abnormalities. <i>Leukemia</i> , 2013, 27, 32-40.	3.3	75

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37	HSP90 and HSP70 Proteins Are Essential for Stabilization and Activation of WASF3 Metastasis-promoting Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 10051-10059.	1.6	74
38	Cytogenetic changes in Wilms' tumors. <i>Cancer Genetics and Cytogenetics</i> , 1988, 34, 223-234.	1.0	68
39	Suppression of the cell proliferation and invasion phenotypes in glioma cells by the LGI1 gene. <i>Oncogene</i> , 2003, 22, 3985-3991.	2.6	63
40	Molecular characterization of the t(3;9) associated with immortalization in the MCF10A cell line. <i>Cancer Genetics and Cytogenetics</i> , 2005, 163, 23-29.	1.0	63
41	CLCA2 tumour suppressor gene in 1p31 is epigenetically regulated in breast cancer. <i>Oncogene</i> , 2004, 23, 1474-1480.	2.6	61
42	THE EXPRESSION PATTERN OF WILMS' TUMOUR GENE (WT1) PRODUCT IN NORMAL TISSUES AND PAEDIATRIC RENAL TUMOURS. , 1996, 179, 162-168.		60
43	WAVE3, an actin-polymerization gene, is truncated and inactivated as a result of a constitutional t(1;13)(q21;q12) chromosome translocation in a patient with ganglioneuroblastoma. <i>Oncogene</i> , 2002, 21, 5967-5974.	2.6	59
44	Array CGH analysis of pediatric medulloblastomas. <i>Genes Chromosomes and Cancer</i> , 2006, 45, 290-303.	1.5	59
45	Defining the expression pattern of the LGI1 gene in BAC transgenic mice. <i>Mammalian Genome</i> , 2007, 18, 328-337.	1.0	59
46	Application of bacterial artificial chromosome array-based comparative genomic hybridization and spectral karyotyping to the analysis of glioblastoma multiforme. <i>Cancer Genetics and Cytogenetics</i> , 2004, 151, 36-51.	1.0	58
47	Inactivation of the WASF3 gene in prostate cancer cells leads to suppression of tumorigenicity and metastases. <i>British Journal of Cancer</i> , 2010, 103, 1066-1075.	2.9	57
48	The WASF3-NCKAP1-CYFIP1 Complex Is Essential for Breast Cancer Metastasis. <i>Cancer Research</i> , 2016, 76, 5133-5142.	0.4	57
49	NB4S, a Member of the TBC1 Domain Family of Genes, is Truncated as a Result of a Constitutional t(1;10)(p22;q21) Chromosome Translocation in a Patient with Stage 4S Neuroblastoma. <i>Human Molecular Genetics</i> , 1998, 7, 1169-1178.	1.4	56
50	Novel FGFR inhibitor ponatinib suppresses the growth of non-small cell lung cancer cells overexpressing FGFR1. <i>Oncology Reports</i> , 2013, 29, 2181-2190.	1.2	55
51	The Application of Microarray Technology to the Analysis of the Cancer Genome. <i>Current Molecular Medicine</i> , 2007, 7, 103-120.	0.6	53
52	The EVI5 TBC domain provides the GTPase-activating protein motif for RAB11. <i>Oncogene</i> , 2007, 26, 2804-2808.	2.6	53
53	Knockdown of zebrafish Lgi1a results in abnormal development, brain defects and a seizure-like behavioral phenotype. <i>Human Molecular Genetics</i> , 2010, 19, 4409-4420.	1.4	53
54	Functional interrelationship between the WASF3 and KISS1 metastasis-associated genes in breast cancer cells. <i>International Journal of Cancer</i> , 2011, 129, 2825-2835.	2.3	52

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55	Colon carcinoma cells harboring PIK3CA mutations display resistance to growth factor deprivation induced apoptosis. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1143-1150.	1.9	51
56	Comprehensive analysis of loss of heterozygosity events in glioblastoma using the 100K SNP mapping arrays and comparison with copy number abnormalities defined by BAC array comparative genomic hybridization. <i>Genes Chromosomes and Cancer</i> , 2008, 47, 221-237.	1.5	51
57	Characterization of the 1p/19q Chromosomal Loss in Oligodendrogliomas Using Comparative Genomic Hybridization Arrays (CGHa). <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 151-158.	0.9	49
58	Molecular Characterization of the t(8; 13)(p11;q12) Translocation Associated With an Atypical Myeloproliferative Disorder: Evidence for Three Discrete Loci Involved in Myeloid Leukemias on 8p11. <i>Blood</i> , 1997, 90, 3136-3141.	0.6	47
59	A novel member of the WD-repeat gene family, WDR11, maps to the 10q26 region and is disrupted by a chromosome translocation in human glioblastoma cells. <i>Oncogene</i> , 2001, 20, 5378-5392.	2.6	47
60	Genetic analysis of Down syndrome-associated heart defects in mice. <i>Human Genetics</i> , 2011, 130, 623-632.	1.8	47
61	Transgelin increases metastatic potential of colorectal cancer cells in vivo and alters expression of genes involved in cell motility. <i>BMC Cancer</i> , 2016, 16, 55.	1.1	46
62	COP1 and GSK3 $\beta$ Cooperate to Promote c-Jun Degradation and Inhibit Breast Cancer Cell Tumorigenesis. <i>Neoplasia</i> , 2013, 15, 1075-IN11.	2.3	45
63	Targeting the WASF3 $\beta$ -CYFIP1 Complex Using Stapled Peptides Suppresses Cancer Cell Invasion. <i>Cancer Research</i> , 2016, 76, 965-973.	0.4	45
64	Genomic organization and expression profile of the human and mouse WAVE gene family. <i>Mammalian Genome</i> , 2003, 14, 314-322.	1.0	44
65	High-Resolution Analysis of Genetic Events in Cancer Cells Using Bacterial Artificial Chromosome Arrays and Comparative Genome Hybridization. <i>Advances in Cancer Research</i> , 2003, 90, 91-125.	1.9	44
66	Loss of heterozygosity for the short arm of chromosome 7 in sporadic Wilms tumour. <i>Oncogene</i> , 1998, 17, 395-400.	2.6	43
67	Interaction of the transforming acidic coiled-coil 1 (TACC1) protein with ch-TOG and GAS41/NuB1 suggests multiple TACC1-containing protein complexes in human cells. <i>Biochemical Journal</i> , 2002, 363, 195-200.	1.7	43
68	Frequent Constitutional C to T Mutations in CGA-Arginine Codons in the RB1 Gene Produce Premature Stop Codons in Patients with Bilateral (Hereditary) Retinoblastoma. <i>European Journal of Human Genetics</i> , 1994, 2, 281-290.	1.4	43
69	Loss of Zebrafish Igi1b Leads to Hydrocephalus and Sensitization to Pentylentetrazol Induced Seizure-Like Behavior. <i>PLoS ONE</i> , 2011, 6, e24596.	1.1	43
70	Genetics and cytogenetics of retinoblastoma. <i>Cancer Genetics and Cytogenetics</i> , 1992, 64, 1-11.	1.0	42
71	Arsenic Trioxide Affects Signal Transducer and Activator of Transcription Proteins through Alteration of Protein Tyrosine Kinase Phosphorylation. <i>Clinical Cancer Research</i> , 2006, 12, 6817-6825.	3.2	42
72	Mutation in the FGFR1 tyrosine kinase domain or inactivation of PTEN is associated with acquired resistance to FGFR inhibitors in FGFR1 $\beta$ -driven leukemia/lymphomas. <i>International Journal of Cancer</i> , 2017, 141, 1822-1829.	2.3	42

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73	Molecular alterations in the neurofibromatosis Type 2 gene and its protein rarely occurring in meningothelial meningiomas. <i>Journal of Neurosurgery</i> , 2001, 94, 111-117.	0.9	41
74	Novel amplicons on the short arm of chromosome 7 identified using high resolution array CGH contain over expressed genes in addition to EGFR in glioblastoma multiforme. <i>Genes Chromosomes and Cancer</i> , 2005, 44, 392-404.	1.5	41
75	Ploidy status and copy number aberrations in primary glioblastomas defined by integrated analysis of allelic ratios, signal ratios and loss of heterozygosity using 500K SNP Mapping Arrays. <i>BMC Genomics</i> , 2008, 9, 489.	1.2	40
76	Genetic fingerprinting of the development and progression of T-cell lymphoma in a murine model of atypical myeloproliferative disorder initiated by the ZNF198 fibroblast growth factor receptor-1 chimeric tyrosine kinase. <i>Blood</i> , 2009, 114, 1576-1584.	0.6	40
77	Constitutive Notch pathway activation in murine ZMYM2-FGFR1 induced T-cell lymphomas associated with atypical myeloproliferative disease. <i>Blood</i> , 2011, 117, 6837-6847.	0.6	40
78	Interaction of the transforming acidic coiled-coil 1 (TACC1) protein with ch-TOG and GAS41/NuB1 suggests multiple TACC1-containing protein complexes in human cells. <i>Biochemical Journal</i> , 2002, 363, 195.	1.7	38
79	Identification of inactivating mutations in the JAK1, SYNJ2, and CLPTM1 genes in prostate cancer cells using inhibition of nonsense-mediated decay and microarray analysis. <i>Cancer Genetics and Cytogenetics</i> , 2005, 161, 97-103.	1.0	38
80	Development of a murine model for blastoid variant mantle-cell lymphoma. <i>Blood</i> , 2007, 109, 4899-4906.	0.6	38
81	Critical role of the WASF3 gene in JAK2/STAT3 regulation of cancer cell motility. <i>Carcinogenesis</i> , 2013, 34, 1994-1999.	1.3	38
82	Development of a Blastoid Variant, Mantle Cell Lymphoma Model in Transgenic Mice.. <i>Blood</i> , 2005, 106, 419-419.	0.6	37
83	Identification of consistent novel submegabase deletions in low-grade oligodendrogliomas using array-based comparative genomic hybridization. <i>Genes Chromosomes and Cancer</i> , 2005, 44, 85-96.	1.5	36
84	Gain of 1q Is a Potential Univariate Negative Prognostic Marker for Survival in Medulloblastoma. <i>Clinical Cancer Research</i> , 2007, 13, 7022-7028.	3.2	36
85	The Oncogenic Fusion Protein-tyrosine Kinase ZNF198/Fibroblast Growth Factor Receptor-1 Has Signaling Function Comparable with Interleukin-6 Cytokine Receptors. <i>Journal of Biological Chemistry</i> , 2003, 278, 16198-16208.	1.6	35
86	Occurrence and evolution of homogeneously staining regions may be due to breakage-fusion-bridge cycles following telomere loss. <i>Chromosoma</i> , 1983, 88, 216-221.	1.0	34
87	Genomic profiling of myeloid sarcoma by array comparative genomic hybridization. <i>Genes Chromosomes and Cancer</i> , 2005, 44, 373-383.	1.5	34
88	Genome Wide Copy Number Abnormalities in Pediatric Medulloblastomas as Assessed by Array Comparative Genome Hybridization. <i>Brain Pathology</i> , 2007, 17, 282-296.	2.1	34
89	Changes in DNA Content During In Vitro Transformation of Mouse Salivary Gland Epithelium2. <i>Journal of the National Cancer Institute</i> , 1980, 64, 1443-1449.	3.0	33
90	Molecular Definition of Chromosome Translocations Involving 10q24 and 19q13 in Human Malignant Glioma Cells. <i>Cancer Genetics and Cytogenetics</i> , 1998, 105, 60-68.	1.0	33

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91	The t(8;13) Atypical Myeloproliferative Disorder: Further Analysis of the ZNF198 Gene and Lack of Evidence for Multiple Genes Disrupted on Chromosome 13. <i>Blood</i> , 1998, 92, 1456-1458.	0.6	33
92	ZNF198, a zinc finger protein rearranged in myeloproliferative disease, localizes to the PML nuclear bodies and interacts with SUMO-1 and PML. <i>Experimental Cell Research</i> , 2006, 312, 3739-3751.	1.2	32
93	Identification and characterisation of constitutional chromosome abnormalities using arrays of bacterial artificial chromosomes. <i>British Journal of Cancer</i> , 2004, 90, 860-865.	2.9	31
94	Src Activation Plays an Important Key Role in Lymphomagenesis Induced by FGFR1 Fusion Kinases. <i>Cancer Research</i> , 2011, 71, 7312-7322.	0.4	31
95	Aberrant expression of the tumour suppressor gene p53 is very frequent in Wilms' tumours. <i>Journal of Pathology</i> , 1992, 168, 237-242.	2.1	29
96	Germline mutations in the RB1 gene in patients with hereditary retinoblastoma. <i>Genes Chromosomes and Cancer</i> , 1995, 14, 277-284.	1.5	29
97	HIF1A induces expression of the WASF3 metastasis-associated gene under hypoxic conditions. <i>International Journal of Cancer</i> , 2012, 131, E905-15.	2.3	29
98	Celecoxib Ameliorates Seizure Susceptibility in Autosomal Dominant Lateral Temporal Epilepsy. <i>Journal of Neuroscience</i> , 2018, 38, 3346-3357.	1.7	29
99	Chromosome analysis of human neuroblastoma cell line TR14 showing double minutes and an aberration involving chromosome 1. <i>Cancer Genetics and Cytogenetics</i> , 1983, 9, 273-280.	1.0	28
100	Characterization of FAM10A4, a Member of the ST13 Tumor Suppressor Gene Family That Maps to the 13q14.3 Region Associated with B-Cell Leukemia, Multiple Myeloma, and Prostate Cancer. <i>Genomics</i> , 2002, 80, 5-7.	1.3	28
101	Truncating mutations in the ACVR2 gene attenuates activin signaling in prostate cancer cells. <i>Cancer Genetics and Cytogenetics</i> , 2005, 163, 123-129.	1.0	27
102	Induction of the plasminogen activator inhibitor-2 in cells expressing the ZNF198/FGFR1 fusion kinase that is involved in atypical myeloproliferative disease. <i>Blood</i> , 2006, 107, 3693-3699.	0.6	27
103	Identification of genes involved in squamous cell carcinoma of the lung using synchronized data from DNA copy number and transcript expression profiling analysis. <i>Lung Cancer</i> , 2008, 59, 315-331.	0.9	27
104	Dysregulated signaling pathways in the development of CNTRL-FGFR1-induced myeloid and lymphoid malignancies associated with FGFR1 in human and mouse models. <i>Blood</i> , 2013, 122, 1007-1016.	0.6	27
105	miR-339 Promotes Development of Stem Cell Leukemia/Lymphoma Syndrome via Downregulation of the <i>BCL2L11</i> and <i>BAX</i> Proapoptotic Genes. <i>Cancer Research</i> , 2018, 78, 3522-3531.	0.4	27
106	The co-chaperone UNC45A is essential for the expression of mitotic kinase NEK7 and tumorigenesis. <i>Journal of Biological Chemistry</i> , 2019, 294, 5246-5260.	1.6	27
107	Genetic and Cytogenetic Analysis of Patients Showing Reduced Esterase-D Levels and Mental Retardation from a Survey of 500 Individuals with Retinoblastoma. <i>Ophthalmic Paediatrics and Genetics</i> , 1989, 10, 117-127.	0.4	26
108	Identification of YAC clones for human chromosome 1p32 and physical mapping of the infantile neuronal ceroid lipofuscinosis (INCL) locus. <i>Genomics</i> , 1995, 25, 404-412.	1.3	26

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109	Candidate glioblastoma development gene identification using concordance between copy number abnormalities and gene expression level changes. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 875-894.	1.5	26
110	Identification of the promoter, genomic structure, and mouse ortholog of LGI1. <i>Mammalian Genome</i> , 2000, 11, 622-627.	1.0	25
111	Obtaining DNA from a geographically dispersed cohort of current and former smokers: Use of mail-based mouthwash collection and monetary incentives. <i>Nicotine and Tobacco Research</i> , 2004, 6, 439-446.	1.4	25
112	Molecular characterization of the 1p22 breakpoint region spanning the constitutional translocation breakpoint in a neuroblastoma patient with a t(1;10)(p22;q21). <i>Cancer Genetics and Cytogenetics</i> , 1998, 100, 10-20.	1.0	24
113	ZNF198 protein, involved in rearrangement in myeloproliferative disease, forms complexes with the DNA repair-associated HHR6A/6B and RAD18 proteins. <i>Oncogene</i> , 2003, 22, 3417-3423.	2.6	24
114	The temporal and spatial expression pattern of the LGI1 epilepsy predisposition gene during mouse embryonic cranial development. <i>BMC Neuroscience</i> , 2011, 12, 43.	0.8	24
115	Acute Progression of BCR-FGFR1 Induced Murine B-Lympho/Myeloproliferative Disorder Suggests Involvement of Lineages at the Pro-B Cell Stage. <i>PLoS ONE</i> , 2012, 7, e38265.	1.1	24
116	EVI5 protein associates with the INCENP-aurora B kinase-survivin chromosomal passenger complex and is involved in the completion of cytokinesis. <i>Experimental Cell Research</i> , 2006, 312, 2325-2335.	1.2	23
117	Differential expression of the LGI and SLIT families of genes in human cancer cells. <i>Gene</i> , 2005, 356, 85-90.	1.0	22
118	Long tandem repeats as a form of genomic copy number variation: structure and length polymorphism of a chromosome 5p repeat in control and schizophrenia populations. <i>Psychiatric Genetics</i> , 2009, 19, 64-71.	0.6	22
119	Pediatric primary intramedullary spinal cord glioblastoma. <i>Rare Tumors</i> , 2010, 2, 135-141.	0.3	22
120	Reexpression of LGI1 in glioma cells results in dysregulation of genes implicated in the canonical axon guidance pathway. <i>Genomics</i> , 2010, 95, 93-100.	1.3	22
121	Evaluation of phosphatidylinositol-3-kinase catalytic subunit (PIK3CA) and epidermal growth factor receptor (EGFR) gene mutations in pancreaticobiliary adenocarcinoma. <i>Journal of Gastrointestinal Oncology</i> , 2013, 4, 20-9.	0.6	22
122	A Yeast Artificial Chromosome Contig That Spans the RB1-D13S31 Interval on Human Chromosome 13 and Encompasses the Frequently Deleted Region in B-cell Chronic Lymphocytic Leukemia. <i>Genomics</i> , 1995, 30, 425-430.	1.3	21
123	Cloning of the human Gfi-1 gene and its mapping to chromosome region 1p22. <i>Oncogene</i> , 1997, 14, 1003-1005.	2.6	21
124	EVI5 is a novel centrosomal protein that binds to $\alpha$ - and $\beta$ -tubulin. <i>Genomics</i> , 2005, 86, 594-605.	1.3	21
125	Homozygous inactivation of the <i>LGI1</i> gene results in hypomyelination in the peripheral and central nervous systems. <i>Journal of Neuroscience Research</i> , 2010, 88, 3328-3336.	1.3	21
126	Analysis of Wilms Tumors Using SNP Mapping Array-Based Comparative Genomic Hybridization. <i>PLoS ONE</i> , 2011, 6, e18941.	1.1	21



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127	The pleiotropic effects of TNF $\alpha$ in breast cancer subtypes is regulated by TNFAIP3/A20. <i>Oncogene</i> , 2019, 38, 469-482.	2.6	21
128	Molecular characterization of a (1;10)(p22;q21) constitutional translocation from a patient with neuroblastoma. <i>Cancer Genetics and Cytogenetics</i> , 1995, 81, 151-157.	1.0	20
129	Telomerase activity in pancreatic endocrine tumors. <i>American Journal of Gastroenterology</i> , 2002, 97, 1022-1030.	0.2	20
130	Application of spectral karyotyping to the analysis of the human chromosome complement of interspecies somatic cell hybrids. <i>Cancer Genetics and Cytogenetics</i> , 2003, 142, 30-35.	1.0	20
131	Mass spectroscopy identifies the splicing-associated proteins, PSF, hnRNP H3, hnRNP A2/B1, and TLS/FUS as interacting partners of the ZNF198 protein associated with rearrangement in myeloproliferative disease. <i>Experimental Cell Research</i> , 2005, 309, 78-85.	1.2	20
132	Mass Spectrometry Identifies LGI1-Interacting Proteins that Are Involved in Synaptic Vesicle Function in the Human Brain. <i>Journal of Molecular Neuroscience</i> , 2009, 39, 137-143.	1.1	20
133	Targeting FGFR1 to suppress leukemogenesis in syndromic and <i>de novo</i> AML in murine models. <i>Oncotarget</i> , 2016, 7, 49733-49742.	0.8	20
134	FGFR1 fusion kinase regulation of MYC expression drives development of stem cell leukemia/lymphoma syndrome. <i>Leukemia</i> , 2018, 32, 2363-2373.	3.3	20
135	The ability of normal mouse cells to reduce the malignant potential of transformed mouse bladder epithelial cells depends on their somatic origin. <i>International Journal of Cancer</i> , 1984, 33, 657-667.	2.3	19
136	The aniridia-Wilms' tumour association: molecular and genetic analysis of chromosome deletions on the short arm of chromosome 11. <i>Human Genetics</i> , 1989, 82, 123-126.	1.8	19
137	Overlay analysis of the oligonucleotide array gene expression profiles and copy number abnormalities as determined by array comparative genomic hybridization in medulloblastomas. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 53-66.	1.5	19
138	The promise of zebrafish as a chemical screening tool in cancer therapy. <i>Future Medicinal Chemistry</i> , 2015, 7, 1395-1405.	1.1	19
139	A chromosomal breakpoint that separates the esterase D and retinoblastoma predisposition loci in a patient with del(13)(q14q31). <i>Cancer Genetics and Cytogenetics</i> , 1987, 27, 27-31.	1.0	18
140	TTC4, a Novel Human Gene Containing the Tetratricopeptide Repeat and Mapping to the Region of Chromosome 1p31 That Is Frequently Deleted in Sporadic Breast Cancer. <i>Genomics</i> , 1999, 55, 157-163.	1.3	18
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