Jeremy A. Squire

List of Publications by Year
in descending order

386 papers	38,095 citations	5248 83 h-index	3312 184 g-index
395 all docs	395 docs citations	395 times ranked	38974 citing authors

#	Article	IF	Citations
1	Identification of human brain tumour initiating cells. Nature, 2004, 432, 396-401.	13.7	6,758
2	Identification of a cancer stem cell in human brain tumors. Cancer Research, 2003, 63, 5821-8.	0.4	3,675
3	Erlotinib in Lung Cancer â€" Molecular and Clinical Predictors of Outcome. New England Journal of Medicine, 2005, 353, 133-144.	13.9	1,787
4	Glioma Stem Cell Lines Expanded in Adherent Culture Have Tumor-Specific Phenotypes and Are Suitable for Chemical and Genetic Screens. Cell Stem Cell, 2009, 4, 568-580.	5.2	881
5	Molecular Testing Guideline for Selection of Lung Cancer Patients for EGFR and ALK Tyrosine Kinase Inhibitors: Guideline from the College of American Pathologists, International Association for the Study of Lung Cancer, and Association for Molecular Pathology. Journal of Thoracic Oncology, 2013, 8, 823-859.	0.5	792
6	Mutations in SUFU predispose to medulloblastoma. Nature Genetics, 2002, 31, 306-310.	9.4	722
7	Role of KRAS and EGFR As Biomarkers of Response to Erlotinib in National Cancer Institute of Canada Clinical Trials Group Study BR.21. Journal of Clinical Oncology, 2008, 26, 4268-4275.	0.8	674
8	Metabolic instability of plasmid DNA in the cytosol: a potential barrier to gene transfer. Gene Therapy, 1999, 6, 482-497.	2.3	576
9	High-resolution mapping of mammalian genes by in situ hybridization to free chromatin.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 9509-9513.	3.3	515
10	Disruption of insulinâ€"like growth factor 2 imprinting in Beckwithâ€"Wiedemann syndrome. Nature Genetics, 1993, 5, 143-150.	9.4	423
11	Molecular Testing Guideline for Selection of Lung Cancer Patients for EGFR and ALK Tyrosine Kinase Inhibitors: Guideline from the College of American Pathologists, International Association for the Study of Lung Cancer, and Association for Molecular Pathology. Archives of Pathology and Laboratory Medicine, 2013, 137, 828-860.	1.2	415
12	Clinical implications of PTEN loss in prostate cancer. Nature Reviews Urology, 2018, 15, 222-234.	1.9	408
13	Molecular Testing Guideline for Selection of Lung Cancer Patients for EGFR and ALK Tyrosine Kinase Inhibitors. Journal of Molecular Diagnostics, 2013, 15, 415-453.	1.2	397
14	TAp73 knockout shows genomic instability with infertility and tumor suppressor functions. Genes and Development, 2008, 22, 2677-2691.	2.7	378
15	Genetic origin of mutations predisposing to retinoblastoma. Science, 1985, 228, 501-503.	6.0	355
16	EMT transcription factors snail and slug directly contribute to cisplatin resistance in ovarian cancer. BMC Cancer, 2012, 12, 91.	1.1	325
17	Discordant KCNQ1OT1 imprinting in sets of monozygotic twins discordant for Beckwith-Wiedemann syndrome. Human Molecular Genetics, 2002, 11, 1317-1325.	1.4	322
18	Single cell-derived clonal analysis of human glioblastoma links functional and genomic heterogeneity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 851-856.	3.3	321

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19	Tumour genomic and microenvironmental heterogeneity for integrated prediction of 5-year biochemical recurrence of prostate cancer: a retrospective cohort study. Lancet Oncology, The, 2014, 15, 1521-1532.	5.1	291
20	Loss of RB1 induces non-proliferative retinoma: increasing genomic instability correlates with progression to retinoblastoma. Human Molecular Genetics, 2008, 17, 1363-1372.	1.4	289
21	Immortal Human Pancreatic Duct Epithelial Cell Lines with Near Normal Genotype and Phenotype. American Journal of Pathology, 2000, 157, 1623-1631.	1.9	287
22	Fusion of two novel genes, RBM15 and MKL1, in the t(1;22)(p13;q13) of acute megakaryoblastic leukemia. Nature Genetics, 2001, 28, 220-221.	9.4	268
23	FISH analysis of 107 prostate cancers shows that PTEN genomic deletion is associated with poor clinical outcome. British Journal of Cancer, 2007, 97, 678-685.	2.9	260
24	Absence of TMPRSS2:ERG fusions and PTEN losses in prostate cancer is associated with a favorable outcome. Modern Pathology, 2008, 21, 1451-1460.	2.9	254
25	Beckwith-Wiedemann syndrome demonstrates a role for epigenetic control of normal development. Human Molecular Genetics, 2003, 12, 61R-68.	1.4	249
26	The role ofAlu repeat clusters as mediators of recurrent chromosomal aberrations in tumors. Genes Chromosomes and Cancer, 2002, 35, 97-112.	1.5	239
27	A Radically Different Mechanism for S -Adenosylmethionineâ€“Dependent Methyltransferases. Science, 2011, 332, 604-607.	6.0	230
28	Somatic inactivation of genes on chromosome 13 is a common event in retinoblastoma. Nature, 1983, 304, 451-453.	13.7	227
29	Cause and Consequences of Genetic and Epigenetic Alterations in Human Cancer. Current Genomics, 2008, 9, 394-408.	0.7	227
30	Tumor development in the Beckwith-Wiedemann syndrome is associated with a variety of constitutional molecular 11p15 alterations including imprinting defects of KCNQ1OT1. Human Molecular Genetics, 2001, 10, 2989-3000.	1.4	223
31	Primary chromosomal rearrangements of leukemia are frequently accompanied by extensive submicroscopic deletions and may lead to altered prognosis. Blood, 2001, 97, 3581-3588.	0.6	197
32	PTEN genomic deletion is associated with pâ€Akt and AR signalling in poorer outcome, hormone refractory prostate cancer. Journal of Pathology, 2009, 218, 505-513.	2.1	196
33	The Genetics of Osteosarcoma. Sarcoma, 2012, 2012, 1-11.	0.7	193
34	Lats2/Kpm is required for embryonic development, proliferation control and genomic integrity. EMBO Journal, 2004, 23, 3677-3688.	3.5	179
35	Extracellular Vesicles: Evolving Factors in Stem Cell Biology. Stem Cells International, 2016, 2016, 1-17.	1.2	179
36	Three-Color FISH Analysis of TMPRSS2/ERG Fusions in Prostate Cancer Indicates That Genomic Microdeletion of Chromosome 21 Is Associated with Rearrangement. Neoplasia, 2006, 8, 465-469.	2.3	165

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37	Interphase FISH analysis of PTEN in histologic sections shows genomic deletions in 68% of primary prostate cancer and 23% of high-grade prostatic intra-epithelial neoplasias. Cancer Genetics and Cytogenetics, 2006, 169, 128-137.	1.0	151
38	High-resolution mapping of amplifications and deletions in pediatric osteosarcoma by use of CGH analysis of cDNA microarrays. Genes Chromosomes and Cancer, 2003, 38, 215-225.	1.5	149
39	Molecular predictors of outcome in a phase 3 study of gemcitabine and erlotinib therapy in patients with advanced pancreatic cancer. Cancer, 2010, 116, 5599-5607.	2.0	143
40	PTEN loss is associated with upgrading of prostate cancer from biopsy to radical prostatectomy. Modern Pathology, 2015, 28, 128-137.	2.9	136
41	Molecular genetics of Wiedemann-Beckwith syndrome. , 1998, 79, 253-259.		135
42	Application of Microarrays to the Analysis of Gene Expression in Cancer. Clinical Chemistry, 2002, 48, 1170-1177.	1.5	132
43	A detailed analysis of chromosomal changes in heritable and non-heritable retinoblastoma. Human Genetics, 1985, 70, 291-301.	1.8	126
44	Analysis of miRNA-gene expression-genomic profiles reveals complex mechanisms of microRNA deregulation in osteosarcoma. Cancer Genetics, 2011, 204, 138-146.	0.2	126
45	Molecular cytogenetic analysis of medulloblastomas and supratentorial primitive neuroectodermal tumors by using conventional banding, comparative genomic hybridization, and spectral karyotyping. Journal of Neurosurgery, 2000, 93, 437-448.	0.9	124
46	Identification of interactive networks of gene expression associated with osteosarcoma oncogenesis by integrated molecular profiling. Human Molecular Genetics, 2009, 18, 1962-1975.	1.4	119
47	The Role of RUNX2 in Osteosarcoma Oncogenesis. Sarcoma, 2011, 2011, 1-13.	0.7	118
48	GPC3 mutation analysis in a spectrum of patients with overgrowth expands the phenotype of Simpson-Golabi-Behmel syndrome. American Journal of Medical Genetics Part A, 2001, 102, 161-168.	2.4	115
49	Expression analysis of genes associated with human osteosarcoma tumors shows correlation of RUNX2 overexpression with poor response to chemotherapy. BMC Cancer, 2010, 10, 202.	1.1	115
50	Genomic mechanisms and measurement of structural and numerical instability in cancer cells. Seminars in Cancer Biology, 2007, 17, 5-18.	4.3	114
51	Spectral karyotyping identifies recurrent complex rearrangements of chromosomes 8, 17, and 20 in osteosarcomas. Genes Chromosomes and Cancer, 2003, 36, 7-16.	1.5	109
52	Defective DNA Strand Break Repair after DNA Damage in Prostate Cancer Cells. Cancer Research, 2004, 64, 8526-8533.	0.4	108
53	An orthotopic metastatic prostate cancer model in SCID mice via grafting of a transplantable human prostate tumor line. Laboratory Investigation, 2005, 85, 1392-1404.	1.7	107
54	Copy number alterations of câ€MYC and PTEN are prognostic factors for relapse after prostate cancer radiotherapy. Cancer, 2012, 118, 4053-4062.	2.0	105

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55	Malignant transformation in a ganglioglioma with anaplastic neuronal and astrocytic components. Report of a case with flow cytometric and cytogenetic analysis. Cancer, 1994, 73, 2862-2868.	2.0	102
56	Establishment in Severe Combined Immunodeficiency Mice of Subrenal Capsule Xenografts and Transplantable Tumor Lines from a Variety of Primary Human Lung Cancers: Potential Models for Studying Tumor Progressionâ€"Related Changes. Clinical Cancer Research, 2006, 12, 4043-4054.	3.2	102
57	Chromosomal Localization of DNA Amplifications in Neuroblastoma Tumors Using cDNA Microarray Comparative Genomic Hybridization. Neoplasia, 2003, 5, 53-62.	2.3	101
58	Analysis of Genomic Integrity and p53-Dependent G₁Checkpoint in Telomerase-Induced Extended-Life-Span Human Fibroblasts. Molecular and Cellular Biology, 1999, 19, 2373-2379.	1.1	100
59	PTEN genomic deletion is an early event associated with ERG gene rearrangements in prostate cancer. BJU International, 2011, 107, 477-485.	1.3	99
60	Molecular cytogenetic analysis of non-small cell lung carcinoma by spectral karyotyping and comparative genomic hybridization. Cancer Genetics and Cytogenetics, 2001, 125, 87-99.	1.0	98
61	Developmental basis of retinal-specific induction of cancer by RB mutation. Cancer Research, 1999, 59, 1731s-1735s.	0.4	98
62	Morphological and cytogenetic analysis of human giant oocytes and giant embryos. Human Reproduction, 2002, 17, 2394-2401.	0.4	96
63	Parallel analysis of sporadic primary ovarian carcinomas by spectral karyotyping, comparative genomic hybridization, and expression microarrays. Cancer Research, 2002, 62, 3466-76.	0.4	96
64	Amplification of telomerase (hTERT) gene is a poor prognostic marker in non-small-cell lung cancer. British Journal of Cancer, 2006, 94, 1452-1459.	2.9	95
65	Effects of THBS3, SPARC and SPP1 expression on biological behavior and survival in patients with osteosarcoma. BMC Cancer, 2006, 6, 237.	1.1	95
66	Detailed cytogenetic and array analysis of pediatric primitive sarcomas reveals a recurrent CICâ€"DUX4 fusion gene event. Cancer Genetics and Cytogenetics, 2009, 195, 1-11.	1.0	95
67	Identification of the IGF1/PI3K/NF ÎºB/ERK gene signalling networks associated with chemotherapy resistance and treatment response in high-grade serous epithelial ovarian cancer. BMC Cancer, 2013, 13, 549.	1.1	95
68	MicroRNA-34c Inversely Couples the Biological Functions of the Runt-related Transcription Factor RUNX2 and the Tumor Suppressor p53 in Osteosarcoma. Journal of Biological Chemistry, 2013, 288, 21307-21319.	1.6	95
69	Emerging role of PTEN loss in evasion of the immune response to tumours. British Journal of Cancer, 2020, 122, 1732-1743.	2.9	95
70	MYCN gene amplification in rhabdomyosarcoma. Cancer, 1994, 73, 2231-2237.	2.0	94
71	Mechanisms of loss of heterozygosity in retinoblastoma. Cytogenetic and Genome Research, 1992, 59, 248-252.	0.6	93
72	Phase II Study of Preoperative Gefitinib in Clinical Stage I Nonâ€"Small-Cell Lung Cancer. Journal of Clinical Oncology, 2009, 27, 6229-6236.	0.8	93

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73	Amplification of a DEAD box protein gene in retinoblastoma cell lines.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 7578-7582.	3.3	92
74	Fusion of the ets Transcription Factor TEL to Jak2 Results in Constitutive Jak-Stat Signaling. Blood, 1999, 93, 4354-4364.	0.6	92
75	Predictive and Pharmacodynamic Biomarker Studies in Tumor and Skin Tissue Samples of Patients With Recurrent or Metastatic Squamous Cell Carcinoma of the Head and Neck Treated With Erlotinib. Journal of Clinical Oncology, 2007, 25, 2184-2190.	0.8	92
76	Profiling genomic copy number changes in retinoblastoma beyond loss ofRB1. Genes Chromosomes and Cancer, 2007, 46, 118-129.	1.5	92
77	Minimal regions of chromosomal imbalance in retinoblastoma detected by comparative genomic hybridization. Cancer Genetics and Cytogenetics, 2001, 129, 57-63.	1.0	91
78	Plk4 is required for cytokinesis and maintenance of chromosomal stability. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6888-6893.	3.3	91
79	Phase II study of temsirolimus (CCI-779) in women with recurrent, unresectable, locally advanced or metastatic carcinoma of the cervix. A trial of the NCIC Clinical Trials Group (NCIC CTG IND 199). Gynecologic Oncology, 2013, 130, 269-274.	0.6	91
80	Isochromosome 6p, a unique chromosomal abnormality in retinoblastoma: Verification by standard staining techniques, new densitometric methods, and somatic cell hybridization. Human Genetics, 1984, 66, 46-53.	1.8	90
81	Prognostic impact of chromosomal aberrations in Ewing tumours. British Journal of Cancer, 2002, 86, 1763-1769.	2.9	89
82	A method for accurate detection of genomic microdeletions using real-time quantitative PCR. BMC Genomics, 2005, 6, 180.	1.2	89
83	Chromosome 6p amplification and cancer progression. Journal of Clinical Pathology, 2007, 60, 1-7.	1.0	89
84	Prkar1a is an osteosarcoma tumor suppressor that defines a molecular subclass in mice. Journal of Clinical Investigation, 2010, 120, 3310-3325.	3.9	89
85	ASAP1, a Gene at 8q24, Is Associated with Prostate Cancer Metastasis. Cancer Research, 2008, 68, 4352-4359.	0.4	87
86	Is the EWS/FLI-1 fusion transcript specific for Ewing sarcoma and peripheral primitive neuroectodermal tumor? A report of four cases showing this transcript in a wider range of tumor types. American Journal of Pathology, 1996, 148, 1125-38.	1.9	85
87	Molecular genetics of supratentorial primitive neuroectodermal tumors and pineoblastoma. Neurosurgical Focus, 2005, 19, 1-17.	1.0	83
88	FISH assay development for the detection of p16/CDKN2A deletion in malignant pleural mesothelioma. Journal of Clinical Pathology, 2010, 63, 630-634.	1.0	83
89	Multilevel Whole-Genome Analysis Reveals Candidate Biomarkers in Clear Cell Renal Cell Carcinoma. Cancer Research, 2012, 72, 5273-5284.	0.4	83
90	Direct Profiling of Cancer Biomarkers in Tumor Tissue Using a Multiplexed Nanostructured Microelectrode Integrated Circuit. ACS Nano, 2009, 3, 3207-3213.	7.3	82

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91	Cytosolic phospholipase A2 gene in human and rat: chromosomal localization and polymorphic markers. Genomics, 1995, 26, 138-141.	1.3	81
92	Molecular cytogenetic analysis of head and neck squamous cell carcinoma: By comparative genomic hybridization, spectral karyotyping, and expression array analysis. Head and Neck, 2002, 24, 874-887.	0.9	81
93	High-Resolution Mapping of Genomic Imbalance and Identification of Gene Expression Profiles Associated with Differential Chemotherapy Response in Serous Epithelial Ovarian Cancer. Neoplasia, 2005, 7, 603-IN20.	2.3	81
94	The use of whole genome amplification in the study of human disease. Progress in Biophysics and Molecular Biology, 2005, 88, 173-189.	1.4	80
95	Co-amplification of MYCN and a DEAD box gene (DDX1) in primary neuroblastoma. Oncogene, 1995, 10, 1417-22.	2.6	80
96	The human UDP-N-Acetylglucosamine:alpha-6-d-Mannoside-beta-1,2-N-Acetylglucosaminyltransferase II Gene (MGAT2). Cloning of Genomic DNA, Localization to Chromosome 14q21, Expression in Insect Cells and Purification of the Recombinant Protein. FEBS Journal, 1995, 231, 317-328.	0.2	78
97	Phase II study of PX-866 in recurrent glioblastoma. Neuro-Oncology, 2015, 17, 1270-4.	0.6	77
98	Tumour induction by the retinoblastoma mutation is independent of N-myc expression. Nature, 1986, 322, 555-557.	13.7	76
99	Application of Comparative Genomic Hybridization, Spectral Karyotyping, and Microarray Analysis in the Identification of Subtype-Specific Patterns of Genomic Changes in Rhabdomyosarcoma. Neoplasia, 1999, 1, 262-275.	2.3	76
100	Evidence of multifocality of telomere erosion in high-grade prostatic intraepithelial neoplasia (HPIN) and concurrent carcinoma. Oncogene, 2003, 22, 1978-1987.	2.6	76
101	Recurrent copy number alterations in prostate cancer: an in silico meta-analysis of publicly available genomic data. Cancer Genetics, 2014, 207, 474-488.	0.2	76
102	Infrequent genomic rearrangement and normal expression of the putative RB1 gene in retinoblastoma tumors.. Molecular and Cellular Biology, 1988, 8, 2082-2088.	1.1	75
103	Chromosomal instability in osteosarcoma and its association with centrosome abnormalities. Cancer Genetics and Cytogenetics, 2003, 144, 91-99.	1.0	75
104	Highâ€resolution array CGH identifies novel regions of genomic alteration in intermediateâ€risk prostate cancer. Prostate, 2009, 69, 1091-1100.	1.2	75
105	Glypicans: a growing trend. Nature Genetics, 1996, 12, 225-227.	9.4	74
106	Brca1 required for T cell lineage development but not TCR loci rearrangement. Nature Immunology, 2000, 1, 77-82.	7.0	74
107	The RAG-1/2 endonuclease causes genomic instability and controls CNS complications of lymphoblastic leukemia in p53/Prkdc-deficient mice. Cancer Cell, 2003, 3, 37-50.	7.7	73
108	PTEN losses exhibit heterogeneity in multifocal prostatic adenocarcinoma and are associated with higher Gleason grade. Modern Pathology, 2013, 26, 435-447.	2.9	73

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109	The Role of Telomere Maintenance in the Spontaneous Growth Arrest of Pediatric Low-Grade Gliomas. Neoplasia, 2006, 8, 136-142.	2.3	72
110	Genomic signatures of chromosomal instability and osteosarcoma progression detected by high resolution array CGH and interphase FISH. Cytogenetic and Genome Research, 2008, 122, 5-15.	0.6	72
111	In Vitro Analysis of Integrated Global High-Resolution DNA Methylation Profiling with Genomic Imbalance and Gene Expression in Osteosarcoma. PLoS ONE, 2008, 3, e2834.	1.1	71
112	Analytic validation of a clinical-grade PTEN immunohistochemistry assay in prostate cancer by comparison with PTEN FISH. Modern Pathology, 2016, 29, 904-914.	2.9	71
113	A role for Brca1 in chromosome end maintenance. Human Molecular Genetics, 2006, 15, 831-838.	1.4	70
114	Comparative genomic hybridization analysis identifies gains of 1p35â^¼p36 and chromosome 19 in osteosarcoma. Cancer Genetics and Cytogenetics, 2001, 130, 14-21.	1.0	69
115	Constitutional UPD for chromosome 11p15 in individuals with isolated hemihyperplasia is associated with high tumor risk and occurs following assisted reproductive technologies. American Journal of Medical Genetics, Part A, 2006, 140A, 1497-1503.	0.7	69
116	TMPRSS2-ERG and PTEN loss in prostate cancer. Nature Genetics, 2009, 41, 509-510.	9.4	69
117	Inactivation of 14-3-3Ï, Influences Telomere Behavior and Ionizing Radiation-Induced Chromosomal Instability. Molecular and Cellular Biology, 2000, 20, 7764-7772.	1.1	68
118	Recurrent anomalies of 6q25 in chondromyxoid fibroma. Human Pathology, 2000, 31, 306-311.	1.1	67
119	Characterization of human hepatocyte lines derived from normal liver tissue. Hepatology, 1994, 19, 1390-1399.	3.6	66
120	Global analysis of chromosome X gene expression in primary cultures of normal ovarian surface epithelial cells and epithelial ovarian cancer cell lines. International Journal of Oncology, 2007, 30, 5-17.	1.4	66
121	Cloning of the esterase D gene: a polymorphic gene probe closely linked to the retinoblastoma locus on chromosome 13.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 6573-6577.	3.3	65
122	Role of Pirh2 in Mediating the Regulation of p53 and c-Myc. PLoS Genetics, 2011, 7, e1002360.	1.5	65
123	Murine Pif1 Interacts with Telomerase and Is Dispensable for Telomere Function In Vivo. Molecular and Cellular Biology, 2007, 27, 1017-1026.	1.1	64
124	Malignant myeloid transformation with isochromosome 7q in Shwachmanâ€“Diamond syndrome. Leukemia, 1998, 12, 1591-1595.	3.3	63
125	Renal Abnormalities in Beckwith-Wiedemann Syndrome Are Associated with 11p15.5 Uniparental Disomy. Journal of the American Society of Nephrology: JASN, 2002, 13, 2077-2084.	3.0	62
126	PTEN deletion and heme oxygenaseâ€1 overexpression cooperate in prostate cancer progression and are associated with adverse clinical outcome. Journal of Pathology, 2011, 224, 90-100.	2.1	62

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127	Collaboration of Brca1 and Chk2 in tumorigenesis. Genes and Development, 2004, 18, 1144-1153.	2.7	61
128	Applications of SKY in Cancer Cytogenetics. Cancer Investigation, 2002, 20, 373-386.	0.6	60
129	Cfr and RlmN Contain a Single [4Fe-4S] Cluster, which Directs Two Distinct Reactivities for S-Adenosylmethionine: Methyl Transfer by S_N2 Displacement and Radical Generation. Journal of the American Chemical Society, 2011, 133, 19586-19589.	6.6	60
130	ERG/AKR1C3/AR Constitutes a Feed-Forward Loop for AR Signaling in Prostate Cancer Cells. Clinical Cancer Research, 2015, 21, 2569-2579.	3.2	60
131	Extracellular vesicles in ovarian cancer: applications to tumor biology, immunotherapy and biomarker discovery. Expert Review of Proteomics, 2016, 13, 395-409.	1.3	60
132	Advances in the detection of chromosomal aberrations using spectral karyotyping. Clinical Genetics, 2001, 59, 65-73.	1.0	58
133	Development of resistance to vincristine and doxorubicin in neuroblastoma alters malignant properties and induces additional karyotype changes: A preclinical model. International Journal of Cancer, 2003, 104, 36-43.	2.3	58
134	PTENâ€deficient prostate cancer is associated with an immunosuppressive tumor microenvironment mediated by increased expression of IDO1 and infiltrating FoxP3+ T regulatory cells. Prostate, 2019, 79, 969-979.	1.2	58
135	Molecular genetic, cytogenetic, and immunohistochemical characterization of alveolar soft-part sarcoma: Implications for cell of origin. Cancer, 1992, 70, 2444-2450.	2.0	57
136	Loss of Imprinting of Human Insulin-like Growth Factor II Gene, IGF2, in Acute Myeloid Leukemia. Biochemical and Biophysical Research Communications, 1997, 231, 466-472.	1.0	57
137	Measles virus replication in lymphatic cells and organs of CD150 (SLAM) transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16415-16420.	3.3	57
138	Recurrent RECQL4 Imbalance and Increased Gene Expression Levels Are Associated with Structural Chromosomal Instability in Sporadic Osteosarcoma. Neoplasia, 2009, 11, 260-IN6.	2.3	57
139	Molecular biology of Beckwith-Wiedemann syndrome. , 1996, 27, 462-469.		55
140	Imprinting Status of 11p15 Genes in Beckwithâ€“Wiedemann Syndrome Patients with CDKN1C Mutations. Genomics, 2001, 74, 370-376.	1.3	55
141	Acquisition of secondary structural chromosomal changes in pediatric ewing sarcoma is a probable prognostic factor for tumor response and clinical outcome. Cancer, 2001, 91, 2156-2164.	2.0	55
142	Fluorescence In Situ Hybridization (FISH). Current Protocols in Cell Biology, 2004, 23, Unit 22.4.	2.3	55
143	A multicenter study shows PTEN deletion is strongly associated with seminal vesicle involvement and extracapsular extension in localized prostate cancer. Prostate, 2015, 75, 1206-1215.	1.2	55
144	Decitabine-Induced Demethylation of 5â€² CpG Island in GADD45A Leads to Apoptosis in Osteosarcoma Cells. Neoplasia, 2008, 10, 471-480.	2.3	54

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145	A distinct pre-existing inflammatory tumour microenvironment is associated with chemotherapy resistance in high-grade serous epithelial ovarian cancer. British Journal of Cancer, 2015, 112, 1215-1222.	2.9	54
146	A hematopoietic protein tyrosine phosphatase (HePTP) gene that is amplified and overexpressed in myeloid malignancies maps to chromosome 1q32.1. Leukemia, 1994, 8, 236-44.	3.3	54
147	Association of Alveolar Rhabdomyosarcoma with the Beckwith-Wiedemann Syndrome. Pediatric and Developmental Pathology, 2001, 4, 550-558.	0.5	53
148	Abnormalities in villin gene expression and canalicular microvillus structure in progressive cholestatic liver disease of childhood. Lancet, The, 2003, 362, 1112-1119.	6.3	53
149	PTEN genomic deletions that characterize aggressive prostate cancer originate close to segmental duplications. Genes Chromosomes and Cancer, 2012, 51, 149-160.	1.5	53
150	Molecular genetics of Beckwith-Wiedemann syndrome. Current Opinion in Pediatrics, 1997, 9, 623-629.	1.0	52
151	Relaxation of Imprinting of Human Insulin-like Growth Factor II Gene,IGF2,in Sporadic Breast Carcinomas. Biochemical and Biophysical Research Communications, 1997, 235, 123-129.	1.0	52
152	Identification of a novel gene NCRMS on chromosome 12q21 with differential expression between Rhabdomyosarcoma subtypes. Oncogene, 2002, 21, 3029-3037.	2.6	52
153	Interactions and relationships of PTEN, ERG, SPINK1 and AR in castrationâ€resistant prostate cancer. Histopathology, 2012, 60, 645-652.	1.6	52
154	Comparative Genomic Hybridization Analysis Detects Frequent Over-Representation of DNA Sequences at 3q, 7p, and 8q in Head and Neck Carcinomas. Cancer Genetics and Cytogenetics, 2000, 119, 48-55.	1.0	51
155	An integrated mBAND and submegabase resolution tiling set (SMRT) CGH array analysis of focal amplification, microdeletions, and ladder structures consistent with breakage-fusion-bridge cycle events in osteosarcoma. Genes Chromosomes and Cancer, 2005, 42, 392-403.	1.5	50
156	A phase II study of the HDAC inhibitor SB939 in patients with castration resistant prostate cancer: NCIC clinical trials group study IND195. Investigational New Drugs, 2015, 33, 969-976.	1.2	50
157	Clonal heterogeneity of dendritic cells derived from patients with chronic myeloid leukemia and enhancement of their T-cells stimulatory activity by IFN-Î±. Experimental Hematology, 1999, 27, 1176-1184.	0.2	49
158	Evidence of Chromosomal Instability in Prostate Cancer Determined by Spectral Karyotyping (SKY) and Interphase FISH Analysis. Neoplasia, 2001, 3, 62-69.	2.3	49
159	Cyclin E1 Is Amplified and Overexpressed in Osteosarcoma. Journal of Molecular Diagnostics, 2011, 13, 289-296.	1.2	49
160	Targeting genetic and epigenetic alterations in the treatment of serous ovarian cancer. Cancer Genetics, 2011, 204, 525-535.	0.2	49
161	Digital Expression Profiling Identifies RUNX2, CDC5L, MDM2, RECQL4, and CDK4 as Potential Predictive Biomarkers for Neo-Adjuvant Chemotherapy Response in Paediatric Osteosarcoma. PLoS ONE, 2014, 9, e95843.	1.1	49
162	Structural Characterization and Mapping of the Normal Epithelial Cell-Specific 1 Gene. Biochemical and Biophysical Research Communications, 1998, 247, 580-586.	1.0	48

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163	Correlating breakage-fusion-bridge events with the overall chromosomal instability and in vitro karyotype evolution in prostate cancer. Cytogenetic and Genome Research, 2007, 116, 1-11.	0.6	48
164	Identification of PEG10 as a progression related biomarker for hepatocellular carcinoma. Cancer Letters, 2007, 250, 284-291.	3.2	48
165	Modulation by decitabine of gene expression and growth of osteosarcoma U2OS cells in vitro and in xenografts: Identification of apoptotic genes as targets for demethylation. Cancer Cell International, 2007, 7, 14.	1.8	48
166	Molecular characterization of deletion breakpoints in adults with 22q11 deletion syndrome. Human Genetics, 2007, 120, 837-845.	1.8	48
167	The mammalian target of rapamycin pathway is widely activated without PTEN deletion in renal cell carcinoma metastases. Cancer, 2011, 117, 290-300.	2.0	48
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