Thomas Ried

List of Publications by Year
in descending order

173 papers	12,287 citations	26630 56 h-index	29157 104 g-index
183 all docs	183 docs citations	183 times ranked	14538 citing authors

#	Article	IF	Citations
1	Chromatin Mechanisms Driving Cancer. Cold Spring Harbor Perspectives in Biology, 2022, 14, a040956.	5.5	9
2	Shifting the Focus of Signaling Abnormalities in Colon Cancer. Cancers, 2022, 14, 784.	3.7	3
3	Gene-expression profiles of pretreatment biopsies predict complete response of rectal cancer patients to preoperative chemoradiotherapy. British Journal of Cancer, 2022, 127, 766-775.	6.4	6
4	Molecular characterization of ulcerative colitis-associated colorectal carcinomas. Modern Pathology, 2021, 34, 1153-1166.	5.5	7
5	TCF7L2 silencing results in altered gene expression patterns accompanied by local genomic reorganization. Neoplasia, 2021, 23, 257-269.	5.3	4
6	CENP-A overexpression promotes aneuploidy with karyotypic heterogeneity. Journal of Cell Biology, 2021, 220, .	5.2	28
7	Characterization of genetically defined sporadic and hereditary type 1 papillary renal cell carcinoma cell lines. Genes Chromosomes and Cancer, 2021, 60, 434-446.	2.8	10
8	Hard wiring of normal tissue-specific chromosome-wide gene expression levels is an additional factor driving cancer type-specific aneuploidies. Genome Medicine, 2021, 13, 93.	8.2	10
9	Tumor heterogeneity assessed by sequencing and fluorescence in situ hybridization (FISH) data. Bioinformatics, 2021, 37, 4704-4711.	4.1	5
10	Clonal selection of stable aneuploidies in progenitor cells drives high-prevalence tumorigenesis. Genes and Development, 2021, 35, 1079-1092.	5.9	35
11	Single Cell Genetic Profiling of Tumors of Breast Cancer Patients Aged 50 Years and Older Reveals Enormous Intratumor Heterogeneity Independent of Individual Prognosis. Cancers, 2021, 13, 3366.	3.7	8
12	TP53 loss initiates chromosomal instability in fallopian tube epithelial cells. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	17
13	Mitochondrial DNA alterations underlie an irreversible shift to aerobic glycolysis in fumarate hydrataseâ€“deficient renal cancer. Science Signaling, 2021, 14, .	3.6	64
14	Joint Clustering of Single-Cell Sequencing and Fluorescence In Situ Hybridization Data for Reconstructing Clonal Heterogeneity in Cancers. Journal of Computational Biology, 2021, 28, 1035-1051.	1.6	2
15	Bile acid-induced â€œMinority MOMPâ€•promotes esophageal carcinogenesis while maintaining apoptotic resistance via Mcl-1. Oncogene, 2020, 39, 877-890.	5.9	20
16	Characteristics of Breast Ducts in Normal-Risk and High-risk Women and Their Relationship to Ductal Cytologic Atypia. Cancer Prevention Research, 2020, 13, 1027-1036.	1.5	2
17	Newly established gastrointestinal cancer cell lines retain the genomic and immunophenotypic landscape of their parental cancers. Scientific Reports, 2020, 10, 17895.	3.3	5
18	High Levels of Chromosomal Copy Number Alterations and TP53 Mutations Correlate with Poor Outcome in Younger Breast Cancer Patients. American Journal of Pathology, 2020, 190, 1643-1656.	3.8	10

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19	Tetraploidy-Associated Genetic Heterogeneity Confers Chemo-Radiotherapy Resistance to Colorectal Cancer Cells. Cancers, 2020, 12, 1118.	3.7	13
20	Genome Instability Profiles Predict Disease Outcome in a Cohort of 4,003 Patients with Breast Cancer. Clinical Cancer Research, 2020, 26, 4606-4615.	7.0	9
21	Novel renal medullary carcinoma cell lines, <scp>UOK353</scp> and <scp>UOK360</scp>, provide preclinical tools to identify new therapeutic treatments. Genes Chromosomes and Cancer, 2020, 59, 472-483.	2.8	7
22	Single-Cellâ€"Derived Primary Rectal Carcinoma Cell Lines Reflect Intratumor Heterogeneity Associated with Treatment Response. Clinical Cancer Research, 2020, 26, 3468-3480.	7.0	9
23	Suppressing proteasome mediated processing of topoisomerase II DNA-protein complexes preserves genome integrity. ELife, 2020, 9, .	6.0	26
24	The landscape of genomic copy number alterations in colorectal cancer and their consequences on gene expression levels and disease outcome. Molecular Aspects of Medicine, 2019, 69, 48-61.	6.4	40
25	Genomeâ€wide DNA methylation analysis of colorectal adenomas with and without recurrence reveals an association between cytosineâ€phosphateâ€guanine methylation and histological subtypes. Genes Chromosomes and Cancer, 2019, 58, 783-797.	2.8	26
26	Induced Chromosomal Aneuploidy Results in Global and Consistent Deregulation of the Transcriptome of Cancer Cells. Neoplasia, 2019, 21, 721-729.	5.3	19
27	Single Chromosome Aneuploidy Induces Genome-Wide Perturbation of Nuclear Organization and Gene Expression. Neoplasia, 2019, 21, 401-412.	5.3	19
28	Singleâ€cell genetic analysis of clonal dynamics in colorectal adenomas indicates CDX2 gain as a predictor of recurrence. International Journal of Cancer, 2019, 144, 1561-1573.	5.1	15
29	Quantitative analysis of somatically acquired and constitutive uniparental disomy in gastrointestinal cancers. International Journal of Cancer, 2019, 144, 513-524.	5.1	6
30	Transformation of Accessible Chromatin and 3D Nucleome Underlies Lineage Commitment of Early T Cells. Immunity, 2018, 48, 227-242.e8.	14.3	188
31	HiCTMap: Detection and analysis of chromosome territory structure and position by high-throughput imaging. Methods, 2018, 142, 30-38.	3.8	12
32	Trichostatin A preferentially reverses the upregulation of geneâ€expression levels induced by gain of chromosome 7 in colorectal cancer cell lines. Genes Chromosomes and Cancer, 2018, 57, 35-41.	2.8	4
33	Aneuploidy, TP53 mutation, and amplification of MYC correlate with increased intratumor heterogeneity and poor prognosis of breast cancer patients. Genes Chromosomes and Cancer, 2018, 57, 165-175.	2.8	27
34	Colorectal cancer susceptibility loci as predictive markers of rectal cancer prognosis after surgery. Genes Chromosomes and Cancer, 2018, 57, 140-149.	2.8	81
35	Long-term treatment with the PARP inhibitor niraparib does not increase the mutation load in cell line models and tumour xenografts. British Journal of Cancer, 2018, 119, 1392-1400.	6.4	19
36	The evolution of single cell-derived colorectal cancer cell lines is dominated by the continued selection of tumor-specific genomic imbalances, despite random chromosomal instability. Carcinogenesis, 2018, 39, 993-1005.	2.8	20

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37	A Muscle-Specific Enhancer RNA Mediates Cohesin Recruitment and Regulates Transcription In trans. Molecular Cell, 2018, 71, 129-141.e8.	9.7	126
38	Dynamics of Genome Alterations in Crohn's Diseaseâ€“Associated Colorectal Carcinogenesis. Clinical Cancer Research, 2018, 24, 4997-5011.	7.0	22
39	Sex-chromosome dosage effects on gene expression in humans. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7398-7403.	7.1	139
40	Nearâ€tetraploid cancer cells show chromosome instability triggered by replication stress and exhibit enhanced invasiveness. FASEB Journal, 2018, 32, 3502-3517.	0.5	50
41	Trac-looping measures genome structure and chromatin accessibility. Nature Methods, 2018, 15, 741-747.	19.0	74
42	Effects of human sex chromosome dosage on spatial chromosome organization. Molecular Biology of the Cell, 2018, 29, 2458-2469.	2.1	17
43	Nucleome Analysis Reveals Structureâ€“Function Relationships for Colon Cancer. Molecular Cancer Research, 2017, 15, 821-830.	3.4	31
44	HLJ1 (DNAJB4) Gene Is a Novel Biomarker Candidate in Breast Cancer. OMICS A Journal of Integrative Biology, 2017, 21, 257-265.	2.0	20
45	Transcription-dependent radial distribution of TCF7L2 regulated genes in chromosome territories. Chromosoma, 2017, 126, 655-667.	2.2	6
46	ASXL3 Is a Novel Pluripotency Factor in Human Respiratory Epithelial Cells and a Potential Therapeutic Target in Small Cell Lung Cancer. Cancer Research, 2017, 77, 6267-6281.	0.9	20
47	Microscopy and Image Analysis. Current Protocols in Human Genetics, 2017, 94, 4.4.1-4.4.89.	3.5	19
48	Genomic and metabolic characterization of a chromophobe renal cell carcinoma cell line model (UOK276). Genes Chromosomes and Cancer, 2017, 56, 719-729.	2.8	14
49	The 4D Nucleome. Methods, 2017, 123, 1-2.	3.8	15
50	Chemoradiotherapy Resistance in Colorectal Cancer Cells is Mediated by Wnt/Î²-catenin Signaling. Molecular Cancer Research, 2017, 15, 1481-1490.	3.4	105
51	Cancer Cytogenetics. , 2017, , 65-82.		0
52	Novel mouse model recapitulates genome and transcriptome alterations in human colorectal carcinomas. Genes Chromosomes and Cancer, 2017, 56, 199-213.	2.8	0
53	Array comparative genomic hybridization of 18 pancreatic ductal adenocarcinomas and their autologous metastases. BMC Research Notes, 2017, 10, 560.	1.4	8
54	Novel near-diploid ovarian cancer cell line derived from a highly aneuploid metastatic ovarian tumor. PLoS ONE, 2017, 12, e0182610.	2.5	2

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55	A Novel MIF Signaling Pathway Drives the Malignant Character of Pancreatic Cancer by Targeting NR3C2. Cancer Research, 2016, 76, 3838-3850.	0.9	212
56	Phylogenetic analysis of multiple FISH markers in oral tongue squamous cell carcinoma suggests that a diverse distribution of copy number changes is associated with poor prognosis. International Journal of Cancer, 2016, 138, 98-109.	5.1	16
57	FISHtrees 3.0: Tumor Phylogenetics Using a Ploidy Probe. PLoS ONE, 2016, 11, e0158569.	2.5	13
58	Targeting colorectal cancer (stem-like) cells using LGR5 directed antibody drug conjugates. Annals of Translational Medicine, 2016, 4, 508-508.	1.7	6
59	ATM deficiency promotes development of murine B-cell lymphomas that resemble diffuse large B-cell lymphoma in humans. Blood, 2015, 126, 2291-2301.	1.4	13
60	An Improved Breast Epithelial Sampling Method for Molecular Profiling and Biomarker Analysis in Women at Risk for Breast Cancer. Breast Cancer: Basic and Clinical Research, 2015, 9, BCBCR.S23577.	1.1	7
61	Quantitative analysis of chromatin interaction changes upon a 4.3 Mb deletion at mouse 4E2. BMC Genomics, 2015, 16, 982.	2.8	2
62	Inferring models of multiscale copy number evolution for single-tumor phylogenetics. Bioinformatics, 2015, 31, i258-i267.	4.1	28
63	The role of lamin B1 for the maintenance of nuclear structure and function. Nucleus, 2015, 6, 8-14.	2.2	57
64	Functional organization of the human 4D Nucleome. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8002-8007.	7.1	102
65	CENP-A nucleosomes localize to transcription factor hotspots and subtelomeric sites in human cancer cells. Epigenetics and Chromatin, 2015, 8, 2.	3.9	110
66	Patterns of somatic uniparental disomy identify novel tumor suppressor genes in colorectal cancer. Carcinogenesis, 2015, 36, 1103-1110.	2.8	18
67	Genetic Instability and Disease Prognostication. Recent Results in Cancer Research, 2015, 200, 81-94.	1.8	4
68	Chromosome mis-segregation and cytokinesis failure in trisomic human cells. ELife, 2015, 4, .	6.0	87
69	Algorithms to Model Single Gene, Single Chromosome, and Whole Genome Copy Number Changes Jointly in Tumor Phylogenetics. PLoS Computational Biology, 2014, 10, e1003740.	3.2	46
70	Single-Cell Genetic Analysis Reveals Insights into Clonal Development of Prostate Cancers and Indicates Loss of PTEN as a Marker of Poor Prognosis. American Journal of Pathology, 2014, 184, 2671-2686.	3.8	29
71	STAT3 inhibition sensitizes colorectal cancer to chemoradiotherapy in vitro and in vivo. International Journal of Cancer, 2014, 134, 997-1007.	5.1	111
72	LGR5 positivity defines stem-like cells in colorectal cancer. Carcinogenesis, 2014, 35, 849-858.	2.8	134

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73	Transcriptome profiling of LGR5 positive colorectal cancer cells. Genomics Data, 2014, 2, 212-215.	1.3	9
74	Loss of lamin B1 results in prolongation of S phase and decondensation of chromosome territories. FASEB Journal, 2014, 28, 3423-3434.	0.5	53
75	Molecular patterns in the evolution of serrated lesion of the colorectum. International Journal of Cancer, 2013, 132, 1800-1810.	5.1	30
76	Intratumor Heterogeneity: Finding the Needle in a Haystack for Cancer Treatment. Gastroenterology, 2013, 145, 242-244.	1.3	0
77	Genetic Amplification of the NOTCH Modulator LNX2 Upregulates the WNT/Î²-Catenin Pathway in Colorectal Cancer. Cancer Research, 2013, 73, 2003-2013.	0.9	68
78	Phylogenetic analysis of multiprobe fluorescence in situ hybridization data from tumor cell populations. Bioinformatics, 2013, 29, i189-i198.	4.1	40
79	Aneuploidy, oncogene amplification and epithelial to mesenchymal transition define spontaneous transformation of murine epithelial cells. Carcinogenesis, 2013, 34, 1929-1939.	2.8	11
80	Chromothripsis and Focal Copy Number Alterations Determine Poor Outcome in Malignant Melanoma. Cancer Research, 2013, 73, 1454-1460.	0.9	86
81	Chromosomal Aneuploidy Affects the Global Proteome Equilibrium of Colorectal Cancer Cells. Analytical Cellular Pathology, 2013, 36, 149-161.	1.4	17
82	CKAP2 Ensures Chromosomal Stability by Maintaining the Integrity of Microtubule Nucleation Sites. PLoS ONE, 2013, 8, e64575.	2.5	17
83	The Rectal Cancer microRNAome â€“ microRNA Expression in Rectal Cancer and Matched Normal Mucosa. Clinical Cancer Research, 2012, 18, 4919-4930.	7.0	174
84	A recurrent fusion gene in high-grade endometrial stromal sarcoma: a new tool for diagnosis and therapy?. Genome Medicine, 2012, 4, 20.	8.2	6
85	The consequences of chromosomal aneuploidy on the transcriptome of cancer cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2012, 1819, 784-793.	1.9	64
86	Single-Cell Genetic Analysis of Ductal Carcinoma in Situ and Invasive Breast Cancer Reveals Enormous Tumor Heterogeneity yet Conserved Genomic Imbalances and Gain of MYC during Progression. American Journal of Pathology, 2012, 181, 1807-1822.	3.8	104
87	Rapid re-expression of CD133 protein in colorectal cancer cell lines in vitro and in vivo. Laboratory Investigation, 2012, 92, 1607-1622.	3.7	15
88	Systems-wide RNAi analysis of CASP8AP2/FLASH shows transcriptional deregulation of the replication-dependent histone genes and extensive effects on the transcriptome of colorectal cancer cells. Molecular Cancer, 2012, 11, 1.	19.2	42
89	Spontaneous transformation of murine epithelial cells requires the early acquisition of specific chromosomal aneuploidies and genomic imbalances. Genes Chromosomes and Cancer, 2012, 51, 353-374.	2.8	25
90	A new whole genome amplification method for studying clonal evolution patterns in malignant colorectal polyps. Genes Chromosomes and Cancer, 2012, 51, 490-500.	2.8	24

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91	Silencing of the Wnt transcription factor TCF4 sensitizes colorectal cancer cells to (chemo-) radiotherapy. Carcinogenesis, 2011, 32, 1824-1831.	2.8	85
92	Genome and Transcriptome Profiles of CD133-Positive Colorectal Cancer Cells. American Journal of Pathology, 2011, 178, 1478-1488.	3.8	20
93	HDAC2 and TXNL1 distinguish aneuploid from diploid colorectal cancers. Cellular and Molecular Life Sciences, 2011, 68, 3261-3274.	5.4	17
94	Automated analysis of protein expression and gene amplification within the same cells of paraffin-embedded tumour tissue. Cellular Oncology (Dordrecht), 2011, 34, 337-342.	4.4	6
95	A genomic strategy for the functional validation of colorectal cancer genes identifies potential therapeutic targets. International Journal of Cancer, 2011, 128, 1069-1079.	5.1	41
96	Genomic instability and oncogene amplifications in colorectal adenomas predict recurrence and synchronous carcinoma. Modern Pathology, 2011, 24, 542-555.	5.5	22
97	Definitive molecular cytogenetic characterization of 15 colorectal cancer cell lines. Genes Chromosomes and Cancer, 2010, 49, 204-223.	2.8	68
98	UOK 262 cell line, fumarate hydratase deficient (FHâˆ’/FHâˆ’) hereditary leiomyomatosis renal cell carcinoma: in vitro and in vivo model of an aberrant energy metabolic pathway in human cancer. Cancer Genetics and Cytogenetics, 2010, 196, 45-55.	1.0	131
99	Mutated KRAS results in overexpression of DUSP4, a MAPâ€kinase phosphatase, and SMYD3, a histone methyltransferase, in rectal carcinomas. Genes Chromosomes and Cancer, 2010, 49, 1024-1034.	2.8	169
100	A Gene Expression Signature for Chemoradiosensitivity of Colorectal Cancer Cells. International Journal of Radiation Oncology Biology Physics, 2010, 78, 1184-1192.	0.8	82
101	A 12-Gene Genomic Instability Signature Predicts Clinical Outcomes in Multiple Cancer Types. International Journal of Biological Markers, 2010, 25, 219-228.	1.8	45
102	KRAS and BRAF mutations in patients with rectal cancer treated with preoperative chemoradiotherapy. Radiotherapy and Oncology, 2010, 94, 76-81.	0.6	90
103	CD133 expression is not selective for tumor-initiating or radioresistant cell populations in the CRC cell line HCT-116. Radiotherapy and Oncology, 2010, 94, 375-383.	0.6	32
104	Chromosomal instability determines taxane response. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8671-8676.	7.1	244
105	Evaluating annotations of an Agilent expression chip suggests that many features cannot be interpreted. BMC Genomics, 2009, 10, 566.	2.8	8
106	The gene expression signature of genomic instability in breast cancer is an independent predictor of clinical outcome. International Journal of Cancer, 2009, 124, 1552-1564.	5.1	112
107	Homage to Theodor Boveri (1862â€“1915): Boveri's theory of cancer as a disease of the chromosomes, and the landscape of genomic imbalances in human carcinomas. Environmental and Molecular Mutagenesis, 2009, 50, 593-601.	2.2	39
108	Nucleation capacity and presence of centrioles define a distinct category of centrosome abnormalities that induces multipolar mitoses in cancer cells. Environmental and Molecular Mutagenesis, 2009, 50, 672-696.	2.2	13

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109	Integrative genomics reveals mechanisms of copy number alterations responsible for transcriptional deregulation in colorectal cancer. Genes Chromosomes and Cancer, 2009, 48, 1002-1017.	2.8	75
110	CD133 expression is not selective for tumor-initiating or radioresistant cell populations in the CRC cell lines HCT-116. Radiotherapy and Oncology, 2009, 92, 353-361.	0.6	49
111	Fluorescence in Situ Hybridization Markers for Prediction of Cervical Lymph Node Metastases. American Journal of Pathology, 2009, 175, 2637-2645.	3.8	20
112	Telomere Shortening Promotes Chromosomal Instability and Predicts Malignant Clonal Evolution in Aplastic Anemia.. Blood, 2009, 114, 3208-3208.	1.4	7
113	Position of human chromosomes is conserved in mouse nuclei indicating a species-independent mechanism for maintaining genome organization. Chromosoma, 2008, 117, 499-509.	2.2	20
114	The UOK 257 cell line: a novel model for studies of the human Birtâ€“Hoggâ€“DubÃ© gene pathway. Cancer Genetics and Cytogenetics, 2008, 180, 100-109.	1.0	55
115	Chromosomal Breakpoints in Primary Colon Cancer Cluster at Sites of Structural Variants in the Genome. Cancer Research, 2008, 68, 1284-1295.	0.9	71
116	Gene Expression Profiling Reveals a Massive, Aneuploidy-Dependent Transcriptional Deregulation and Distinct Differences between Lymph Nodeâ€“Negative and Lymph Nodeâ€“Positive Colon Carcinomas. Cancer Research, 2007, 67, 41-56.	0.9	108
117	Editorial. Drug Discovery Today Disease Mechanisms, 2007, 4, 259-260.	0.8	1
118	Stage-specific alterations of the genome, transcriptome, and proteome during colorectal carcinogenesis. Genes Chromosomes and Cancer, 2007, 46, 10-26.	2.8	91
119	Artificially Introduced Aneuploid Chromosomes Assume a Conserved Position in Colon Cancer Cells. PLoS ONE, 2007, 2, e199.	2.5	21
120	Spectral karyotyping analysis of human and mouse chromosomes. Nature Protocols, 2006, 1, 3129-3142.	12.0	67
121	Combined breast ductal lavage and ductal endoscopy for the evaluation of the high-risk breast: A feasibility study. Journal of Surgical Oncology, 2006, 94, 555-564.	1.7	17
122	Aneuploidy-Dependent Massive Deregulation of the Cellular Transcriptome and Apparent Divergence of the Wnt/Î²-catenin Signaling Pathway in Human Rectal Carcinomas. Cancer Research, 2006, 66, 267-282.	0.9	53
123	Molecular Cytogenetics: Genomic Imbalances in Colorectal Cancer and their Clinical Impact. Analytical Cellular Pathology, 2006, 28, 71-84.	1.4	34
124	The interactive online SKY/Mâ€FISH & CGH Database and the Entrez Cancer Chromosomes search database: Linkage of chromosomal aberrations with the genome sequence. Genes Chromosomes and Cancer, 2005, 44, 52-64.	2.8	86
125	Effectiveness of Gene Expression Profiling for Response Prediction of Rectal Adenocarcinomas to Preoperative Chemoradiotherapy. Journal of Clinical Oncology, 2005, 23, 1826-1838.	1.6	325
126	Genomic Amplification of the Human Telomerase Gene (TERC) in Pap Smears Predicts the Development of Cervical Cancer. American Journal of Pathology, 2005, 166, 1229-1238.	3.8	147

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127	Molecular Cytogenetics of Mouse Models of Breast Cancer. Breast Disease, 2004, 19, 59-67.	0.8	13
128	Chromosome Transfer Induced Aneuploidy Results in Complex Dysregulation of the Cellular Transcriptome in Immortalized and Cancer Cells. Cancer Research, 2004, 64, 6941-6949.	0.9	160
129	E6 and E7 Oncoproteins Induce Distinct Patterns of Chromosomal Aneuploidy in Skin Tumors from Transgenic Mice. Cancer Research, 2004, 64, 538-546.	0.9	50
130	Loss of CCAAT/enhancer binding protein Î´ promotes chromosomal instability. Oncogene, 2004, 23, 1549-1557.	5.9	67
131	Carcinogen-induced colon tumors in mice are chromosomally stable and are characterized by low-level microsatellite instability. Oncogene, 2004, 23, 3813-3821.	5.9	42
132	Advanced molecular cytogenetics in human and mouse. Expert Review of Molecular Diagnostics, 2004, 4, 663-676.	3.1	19
133	BCR/ABL Expression Increases the Formation of Chromosomal Translocations after DNA Damage.. Blood, 2004, 104, 713-713.	1.4	1
134	Pronounced chromosomal instability and multiple gene amplifications characterize ulcerative colitisâ€“associated colorectal carcinomas. Cancer Genetics and Cytogenetics, 2003, 147, 9-17.	1.0	20
135	Detection of Genomic Amplification of the Human Telomerase Gene (TERC) in Cytologic Specimens as a Genetic Test for the Diagnosis of Cervical Dysplasia. American Journal of Pathology, 2003, 163, 1405-1416.	3.8	117
136	H2AX Haploinsufficiency Modifies Genomic Stability and Tumor Susceptibility. Cell, 2003, 114, 371-383.	28.9	523
137	DNA Amplifications and Aneuploidy, High Proliferative Activity and Impaired Cell Cycle Control Characterize Breast Carcinomas with Poor Prognosis. Analytical Cellular Pathology, 2003, 25, 103-114.	2.1	30
138	The Septin 9 (MSF) gene is amplified and overexpressed in mouse mammary gland adenocarcinomas and human breast cancer cell lines. Cancer Research, 2003, 63, 2179-87.	0.9	118
139	Centrosome abnormalities, recurring deletions of chromosome 4, and genomic amplification of HER2/neu define mouse mammary gland adenocarcinomas induced by mutant HER2/neu. Oncogene, 2002, 21, 890-898.	5.9	94
140	Mammary tumors in mice conditionally mutant for Brca1 exhibit gross genomic instability and centrosome amplification yet display a recurring distribution of genomic imbalances that is similar to human breast cancer. Oncogene, 2002, 21, 5097-5107.	5.9	140
141	Silence of chromosomal amplifications in colon cancer. Cancer Research, 2002, 62, 1134-8.	0.9	119
142	Detection of chromosomal aneuploidies and gene copy number changes in fine needle aspirates is a specific, sensitive, and objective genetic test for the diagnosis of breast cancer. Cancer Research, 2002, 62, 2365-9.	0.9	28
143	Jumping translocations are common in solid tumor cell lines and result in recurrent fusions of whole chromosome arms. Genes Chromosomes and Cancer, 2001, 30, 349-363.	2.8	74
144	Molecular cytogenetic characterization of early and late renal cell carcinomas in Von Hippel-Lindau disease. Genes Chromosomes and Cancer, 2001, 31, 1-9.	2.8	27

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145	Translocation remodeling in the primary BALB/c plasmacytoma TEPC 3610. Genes Chromosomes and Cancer, 2001, 30, 283-291.	2.8	9
146	AID is required to initiate Nbs1/Î³-H2AX focus formation and mutations at sites of class switching. Nature, 2001, 414, 660-665.	27.8	459
147	A high-resolution map of human chromosome 12. Nature, 2001, 409, 945-946.	27.8	29
148	Amplification of 4q21-q22 and theMXR gene in independently derived mitoxantrone-resistant cell lines. , 2000, 27, 110-116.		73
149	Centrosome amplification and instability occurs exclusively in aneuploid, but not in diploid colorectal cancer cell lines, and correlates with numerical chromosomal aberrations. Genes Chromosomes and Cancer, 2000, 27, 183-190.	2.8	230
150	Chromosomes 1 and 5 harbor plasmacytoma progressor genes in mice. Genes Chromosomes and Cancer, 2000, 29, 70-74.	2.8	12
151	A systematic, high-resolution linkage of the cytogenetic and physical maps of the human genome. Nature Genetics, 2000, 24, 339-340.	21.4	52
152	DNA repair protein Ku80 suppresses chromosomal aberrations and malignant transformation. Nature, 2000, 404, 510-514.	27.8	514
153	Abnormal rearrangement within the Î±/Î´ T-cell receptor locus in lymphomas from Atm-deficient mice. Blood, 2000, 96, 1940-1946.	1.4	151
154	The role of cytokines in immunological tolerance: potential for therapy. Expert Reviews in Molecular Medicine, 2000, 2, 1-14.	3.9	38
155	Centrosome amplification and instability occurs exclusively in aneuploid, but not in diploid colorectal cancer cell lines, and correlates with numerical chromosomal aberrations. , 2000, 27, 183.		2
156	Centrosome amplification and instability occurs exclusively in aneuploid, but not in diploid colorectal cancer cell lines, and correlates with numerical chromosomal aberrations. Genes Chromosomes and Cancer, 2000, 27, 183-190.	2.8	4
157	Abnormal rearrangement within the Î±/Î´ T-cell receptor locus in lymphomas from Atm-deficient mice. Blood, 2000, 96, 1940-1946.	1.4	11
158	Interphase Cytogenetics: At the Interface of Genetics and Morphology. Analytical Cellular Pathology, 1999, 19, 3-6.	2.1	9
159	Conditional mutation of Brca1 in mammary epithelial cells results in blunted ductal morphogenesis and tumour formation. Nature Genetics, 1999, 22, 37-43.	21.4	711
160	Genomic changes defining the genesis, progression, and malignancy potential in solid human tumors: A phenotype/genotype correlation. Genes Chromosomes and Cancer, 1999, 25, 195-204.	2.8	238
161	A recurring pattern of chromosomal aberrations in mammary gland tumors of MMTV-cmyc transgenic mice. Genes Chromosomes and Cancer, 1999, 25, 251-260.	2.8	75
162	Centrosome Amplification and a Defective G2â€“M Cell Cycle Checkpoint Induce Genetic Instability in BRCA1 Exon 11 Isoformâ€“Deficient Cells. Molecular Cell, 1999, 3, 389-395.	9.7	761

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163	Amplification of Ki-ras and elevation of MAP kinase activity during mammary tumor progression in C3(1)/SV40 Tag transgenic mice. Oncogene, 1998, 17, 2403-2411.	5.9	41
164	Frequent Dysregulation of the c-maf Proto-Oncogene at 16q23 by Translocation to an Ig Locus in Multiple Myeloma. Blood, 1998, 91, 4457-4463.	1.4	101
165	Advanced-stage cervical carcinomas are defined by a recurrent pattern of chromosomal aberrations revealing high genetic instability and a consistent gain of chromosome arm 3q. , 1997, 19, 233-240.		228
166	Detection of a germline mutation and somatic homozygous loss of the von Hippel-Lindau tumor-suppressor gene in a family with a de novo mutation. Human Genetics, 1996, 97, 770-776.	3.8	23
167	Recurrent gain of chromosome arm 7q in low-grade astrocytic tumors studied by comparative genomic hybridization. Genes Chromosomes and Cancer, 1996, 15, 199-205.	2.8	80
168	Comparative genomic hybridization reveals a specific pattern of chromosomal gains and losses during the genesis of colorectal tumors. Genes Chromosomes and Cancer, 1996, 15, 234-245.	2.8	339
169	Multicolour spectral karyotyping of mouse chromosomes. Nature Genetics, 1996, 14, 312-315.	21.4	307
170	Recurrent gain of chromosome arm 7q in low-grade astrocytic tumors studied by comparative genomic hybridization. , 1996, 15, 199.		1
171	Detection of a germline mutation and somatic homozygous loss of the von Hippel-Lindau tumor-suppressor gene in a family with a de novo mutation. Human Genetics, 1996, 97, 770-776.	3.8	1
172	Molecular cytogenetic analysis of formalin-fixed, paraffin-embedded solid tumors by comparative genomic hybridization after universal DNA-amplification. Human Molecular Genetics, 1993, 2, 1907-1914.	2.9	180
173	Specific metaphase and interphase detection of the breakpoint region in 8q24 of burkitt lymphoma cells by tripleâ€color fluorescence in situ hybridization. Genes Chromosomes and Cancer, 1992, 4, 69-74.	2.8	87