Jeremy A. Squire

List of Publications by Year
in descending order

387 papers	38,095 citations	4960 84 h-index	3323 184 g-index
395 all docs	395 docs citations	395 times ranked	38974 citing authors

#	Article	IF	Citations
1	Genetic aspects of primary bone tumors. , 2022, , 531-542.		0
2	High throughput assessment of biomarkers in tissue microarrays using artificial intelligence: PTEN loss as a proof-of-principle in multi-center prostate cancer cohorts. Modern Pathology, 2021, 34, 478-489.	5.5	13
3	Multitarget fluorescence in situ hybridization diagnostic applications in solid and hematological tumors. Expert Review of Molecular Diagnostics, 2021, 21, 161-173.	3.1	2
4	The Role of Somatic Mutations on the Immune Response of the Tumor Microenvironment in Prostate Cancer. International Journal of Molecular Sciences, 2021, 22, 9550.	4.1	15
5	Epithelialâ€"Mesenchymal Transition Signaling and Prostate Cancer Stem Cells: Emerging Biomarkers and Opportunities for Precision Therapeutics. Genes, 2021, 12, 1900.	2.4	22
6	The Dual Role of Serotonin in Colorectal Cancer. Trends in Endocrinology and Metabolism, 2020, 31, 611-625.	7.1	39
7	Contributions of HOX genes to cancer hallmarks: Enrichment pathway analysis and review. Tumor Biology, 2020, 42, 101042832091805.	1.8	35
8	Risk Stratification of Prostate Cancer Through Quantitative Assessment of PTEN Loss (qPTEN). Journal of the National Cancer Institute, 2020, 112, 1098-1104.	6.3	21
9	Emerging role of PTEN loss in evasion of the immune response to tumours. British Journal of Cancer, 2020, 122, 1732-1743.	6.4	95
10	Partial Monosomy 4p and Trisomy 12q due to a t(4;12)(p16.3;q24.31) Familial Translocation in Two Cousins. Molecular Syndromology, 2019, 10, 264-271.	0.8	0
11	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.	2.3	58
12	Serotonin synthesis protects the mouse colonic crypt from DNA damage and colorectal tumorigenesis. Journal of Pathology, 2019, 249, 102-113.	4.5	26
13	Transitioning Discoveries from Cancer Genomics Research Laboratories into Pathology Practice. , 2019, , 149-162.		0
14	MP28-02â€ƒQUANTITATIVE MEASUREMENT OF PTEN LOSS IMPROVES RISK ASSESSMENT IN PROSTATE CANCER. Journal of Urology, 2019, 201, .	0.4	0
15	Clinical implications of PTEN loss in prostate cancer. Nature Reviews Urology, 2018, 15, 222-234.	3.8	408
16	Use of multicolor fluorescence in situ hybridization to detect deletions in clinical tissue sections. Laboratory Investigation, 2018, 98, 403-413.	3.7	10
17	Increased STAT1 Expression in High Grade Serous Ovarian Cancer Is Associated With a Better Outcome. International Journal of Gynecological Cancer, 2018, 28, 459-465.	2.5	25
18	The Terry Fox Research Institute Canadian Prostate Cancer Biomarker Network: an analysis of a pan-Canadian multi-center cohort for biomarker validation. BMC Urology, 2018, 18, 78.	1.4	14

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19	Distinct subtypes of genomic PTEN deletion size influence the landscape of aneuploidy and outcome in prostate cancer. Molecular Cytogenetics, 2018, 11, 1.	0.9	29
20	Centrosome amplification in chondrosarcomas: A primary cell culture and cryopreserved tumor sample study. Oncology Letters, 2017, 13, 1835-1835.	1.8	1
21	Complex Mosaic Ring Chromosome 11 Associated with Hemizygous Loss of 8.6 Mb of 11q24.2qter in Atypical Jacobsen Syndrome. Molecular Syndromology, 2017, 8, 45-49.	0.8	3
22	Molecular characterization of short-term primary cultures and comparison with corresponding tumor tissue of Brazilian glioblastoma patients. Translational Cancer Research, 2017, 6, 332-345.	1.0	7
23	Extracellular Vesicles: Evolving Factors in Stem Cell Biology. Stem Cells International, 2016, 2016, 1-17.	2.5	179
24	Lacrimal gland anaplastic kinaseâ€"positive large Bâ€cell lymphoma (LBCLâ€ALK+) with an atypical clinical presentation. Clinical and Experimental Ophthalmology, 2016, 44, 520-522.	2.6	2
25	STAT1â€associated intratumoural T_H1 immunity predicts chemotherapy resistance in highâ€grade serous ovarian cancer. Journal of Pathology: Clinical Research, 2016, 2, 259-270.	3.0	42
26	Analytic validation of a clinical-grade PTEN immunohistochemistry assay in prostate cancer by comparison with PTEN FISH. Modern Pathology, 2016, 29, 904-914.	5.5	71
27	First application of the Automated QUantitative Analysis (AQUA) technique to quantify PTEN protein expression in ovarian cancer: A correlative study of NCIC CTG OV.16. Gynecologic Oncology, 2016, 140, 486-493.	1.4	3
28	In prostate cancer needle biopsies, detections of PTEN loss by fluorescence in situ hybridization (FISH) and by immunohistochemistry (IHC) are concordant and show consistent association with upgrading. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2016, 468, 607-617.	2.8	32
29	Extracellular vesicles in ovarian cancer: applications to tumor biology, immunotherapy and biomarker discovery. Expert Review of Proteomics, 2016, 13, 395-409.	3.0	60
30	Abstract 716: STAT1 expression in the tumor-stroma microenvironment is influenced by loss of PTEN in prostate cancer. , 2016, , .		0
31	Abstract 441: Association of interferon inducible genes with tumor immune microenvironment and chemotherapy resistance in high-grade serous epithelial ovarian cancer. , 2016, , .		0
32	MP1-17 PTEN STATUS DETERMINATION IN PROSTATE CANCER: COMPARISON OF IHC AND FISH IN A LARGE MULTI-CENTER COHORT. Journal of Urology, 2015, 193, .	0.4	0
33	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.	2.6	50
34	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.	2.3	55
35	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.	7.1	321
36	Genetic aspects of bone tumors. , 2015, , 305-318.		0

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37	Phase II study of PX-866 in recurrent glioblastoma. Neuro-Oncology, 2015, 17, 1270-4.	1.2	77
38	ERG/AKR1C3/AR Constitutes a Feed-Forward Loop for AR Signaling in Prostate Cancer Cells. Clinical Cancer Research, 2015, 21, 2569-2579.	7.0	60
39	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.	6.4	54
40	Composite Mantle Cell and Primary Cutaneous Anaplastic Large Cell Lymphoma. American Journal of Dermatopathology, 2015, 37, 232-236.	0.6	9
41	PTEN loss is associated with upgrading of prostate cancer from biopsy to radical prostatectomy. Modern Pathology, 2015, 28, 128-137.	5.5	136
42	Current state of biomarkers in ovarian cancer prognosis. Future Oncology, 2015, 11, 3187-3195.	2.4	45
43	Transitioning Discoveries from Cancer Genomics Research Laboratories into Pathology Practice. , 2015, , 159-175.		0
44	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.	10.7	291
45	Smoking-induced chromosomal segregation anomalies identified by FISH analysis of sperm. Molecular Cytogenetics, 2014, 7, 58.	0.9	17
46	Recurrent copy number alterations in prostate cancer: an in silico meta-analysis of publicly available genomic data. Cancer Genetics, 2014, 207, 474-488.	0.4	76
47	SINGLE CELL DERIVED CLONAL ANALYSIS OF HUMAN GLIOBLASTOMA LINKS FUNCTIONAL AND GENOMIC HETEROGENEITY. Neuro-Oncology, 2014, 16, iii14-iii14.	1.2	1
48	MP79-14 FISH ANALYSIS OF 637 PROSTATE CANCERS: ASSOCIATION OF PTEN GENOMIC DELETION WITH EARLIER ONSET OF DISEASE PROGRESSION AND WORSE PROGNOSIS. Journal of Urology, 2014, 191, .	0.4	0
49	Association of PTEN protein loss with upgrading of prostate cancer from biopsy to radical prostatectomy.. Journal of Clinical Oncology, 2014, 32, 127-127.	1.6	2
50	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.	2.5	49
51	Abstract 1106: The tumor immune microenvironment modulates response to chemotherapy in high-grade serous epithelial ovarian cancer. , 2014, , .		0
52	Small cell ovarian carcinoma: genomic stability and responsiveness to therapeutics. Orphanet Journal of Rare Diseases, 2013, 8, 33.	2.7	38
53	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.	2.6	95
54	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.	1.4	91

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55	PTEN losses exhibit heterogeneity in multifocal prostatic adenocarcinoma and are associated with higher Gleason grade. Modern Pathology, 2013, 26, 435-447.	5.5	73
56	Copy Number and Expression Alterations of miRNAs in the Ovarian Cancer Cell Line OVCAR-3: Impact on Kallikrein 6 Protein Expression. Clinical Chemistry, 2013, 59, 296-305.	3.2	15
57	Flavopiridol Synergizes with Sorafenib to Induce Cytotoxicity and Potentiate Antitumorigenic Activity in EGFR/HER-2 and Mutant RAS/RAF Breast Cancer Model Systems. Neoplasia, 2013, 15, 939-IN27.	5.3	31
58	Analysis of genomic abnormalities in tumors: a review of available methods for Illumina two-color SNP genotyping and evaluation of performance. Cancer Genetics, 2013, 206, 103-115.	0.4	9
59	2136 APPLICATION OF FOUR COLOR FLUORESCENCE IN SITU HYBRIDIZATION IDENTIFIES GENOMIC DELETIONS OF THE PTEN GENE IN 384 OF 2115 (18.2%) DIAGNOSTIC PROSTATE CANCER-POSITIVE NEEDLE CORES. Journal of Urology, 2013, 189, .	0.4	0
60	Molecular Testing Guideline for Selection of Lung Cancer Patients for EGFR and ALK Tyrosine Kinase Inhibitors. Journal of Molecular Diagnostics, 2013, 15, 415-453.	2.8	397
61	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.	2.5	415
62	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.	1.1	792
63	TMPRSS2-ERG Status Is Not Prognostic Following Prostate Cancer Radiotherapy: Implications for Fusion Status and DSB Repair. Clinical Cancer Research, 2013, 19, 5202-5209.	7.0	39
64	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.	3.4	95
65	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: Erratum. Journal of Thoracic Oncology, 2013, 8, 1343.	1.1	17
66	The CAP-IASLC-AMP molecular testing guideline for the selection of lung cancer patients for EGFR and ALK tyrosine kinase inhibitors.. Journal of Clinical Oncology, 2013, 31, 11085-11085.	1.6	1
67	Phase II study of PX-866 in recurrent glioblastoma.. Journal of Clinical Oncology, 2013, 31, 2053-2053.	1.6	3
68	Abstract A53: Biomarkers of chemotherapy resistance in serous epithelial ovarian cancer identified by integrative genomic and transcriptomic analysis. , 2013, , .		0
69	NKX3.1 Haploinsufficiency Is Prognostic for Prostate Cancer Relapse following Surgery or Image-Guided Radiotherapy. Clinical Cancer Research, 2012, 18, 308-316.	7.0	43
70	The Genetics of Osteosarcoma. Sarcoma, 2012, 2012, 1-11.	1.3	193
71	Automated Quantitative Analysis of p53, Cyclin D1, Ki67 and pERK Expression in Breast Carcinoma Does Not Differ from Expert Pathologist Scoring and Correlates with Clinico-Pathological Characteristics. Cancers, 2012, 4, 725-742.	3.7	16
72	Loss of Phosphatase and Tensin Homolog Protein Expression Is an Independent Poor Prognostic Marker in Lung Adenocarcinoma. Journal of Thoracic Oncology, 2012, 7, 1513-1521.	1.1	46

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73	Caspase-8 is essential for maintaining chromosomal stability and suppressing B-cell lymphomagenesis. Blood, 2012, 119, 3495-3502.	1.4	15
74	The 16p13.3 (PDPK1) Genomic Gain in Prostate Cancer: A Potential Role in Disease Progression. Translational Oncology, 2012, 5, 453-460.	3.7	33
75	Maternal gametic transmission of translocations or inversions of human chromosome 11p15.5 results in regional DNA hypermethylation and downregulation of CDKN1C expression. Genomics, 2012, 99, 25-35.	2.9	18
76	Multilevel Whole-Genome Analysis Reveals Candidate Biomarkers in Clear Cell Renal Cell Carcinoma. Cancer Research, 2012, 72, 5273-5284.	0.9	83
77	Multiple CDK/CYCLIND genes are amplified in medulloblastoma and supratentorial primitive neuroectodermal brain tumor. Cancer Genetics, 2012, 205, 220-231.	0.4	25
78	EMT transcription factors snail and slug directly contribute to cisplatin resistance in ovarian cancer. BMC Cancer, 2012, 12, 91.	2.6	325
79	Karyotype/phenotype correlation in partial trisomies of the long arm of chromosome 16: Case report and review of literature. American Journal of Medical Genetics, Part A, 2012, 158A, 821-827.	1.2	12
80	Copy number alterations of câ€MYC and PTEN are prognostic factors for relapse after prostate cancer radiotherapy. Cancer, 2012, 118, 4053-4062.	4.1	105
81	A newly characterized human well-differentiated liposarcoma cell line contains amplifications of the 12q12-21 and 10p11-14 regions. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2012, 461, 67-78.	2.8	11
82	Interactions and relationships of PTEN, ERG, SPINK1 and AR in castrationâ€resistant prostate cancer. Histopathology, 2012, 60, 645-652.	2.9	52
83	PTEN genomic deletions that characterize aggressive prostate cancer originate close to segmental duplications. Genes Chromosomes and Cancer, 2012, 51, 149-160.	2.8	53
84	TMPRSS2-ERG status and biochemical recurrence following radiotherapy for intermediate-risk prostate cancer.. Journal of Clinical Oncology, 2012, 30, 11-11.	1.6	0
85	Abstract 3004: Biomarker identification through integrative bioinformatics analysis of serous epithelial ovarian cancer tumor samples. , 2012, , .		0
86	Abstract 2999: Gene expression signature of differential response to chemotherapy in sporadic pediatric osteosarcoma. , 2012, , .		0
87	Phase II study of PX-866 in recurrent glioblastoma.. Journal of Clinical Oncology, 2012, 30, 2051-2051.	1.6	0
88	A Radically Different Mechanism for S -Adenosylmethionineâ€"Dependent Methyltransferases. Science, 2011, 332, 604-607.	12.6	230
89	Cyclin E1 Is Amplified and Overexpressed in Osteosarcoma. Journal of Molecular Diagnostics, 2011, 13, 289-296.	2.8	49
90	133 EVALUATION OF PTEN AND TMPRSS2-ERG ABNORMALITIES IN PROSTATE CANCER BY FISH AND IMMUNOHISTOCHEMISTRY TO ADDRESS INTRA- AND INTER- TISSUE HETEROGENEITY AND DISEASE PROGRESSION. Journal of Urology, 2011, 185, .	0.4	0

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91	1607 HIGH-RESOLUTION DETECTION OF PTEN GENOMIC DELETION BY FLUORESCENCE IN SITU HYBRIDIZATION (FISH) USING 330 FIXED PARAFFIN-EMBEDDED TISSUE SAMPLES. Journal of Urology, 2011, 185, .	0.4	0
92	Genomic instability and copyâ€•number heterogeneity of chromosome 19q, including the kallikrein locus, in ovarian carcinomas. Molecular Oncology, 2011, 5, 48-60.	4.6	21
93	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.	13.7	60
94	Prostate Cancer as a Model System for Genetic Diversity in Tumors. Advances in Cancer Research, 2011, 112, 183-216.	5.0	28
95	Analysis of miRNA-gene expression-genomic profiles reveals complex mechanisms of microRNA deregulation in osteosarcoma. Cancer Genetics, 2011, 204, 138-146.	0.4	126
96	Targeting genetic and epigenetic alterations in the treatment of serous ovarian cancer. Cancer Genetics, 2011, 204, 525-535.	0.4	49
97	The Role of RUNX2 in Osteosarcoma Oncogenesis. Sarcoma, 2011, 2011, 1-13.	1.3	118
98	PTEN genomic deletion is an early event associated with ERG gene rearrangements in prostate cancer. BJU International, 2011, 107, 477-485.	2.5	99
99	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.	4.5	62
100	Topographical analysis of telomere length and correlation with genomic instability in whole mount prostatectomies. Prostate, 2011, 71, 778-790.	2.3	21
101	The mammalian target of rapamycin pathway is widely activated without PTEN deletion in renal cell carcinoma metastases. Cancer, 2011, 117, 290-300.	4.1	48
102	Breast cancer 1 (BRCA1) protein expression as a prognostic marker in sporadic epithelial ovarian carcinoma: an NCIC CTG OV.16 correlative study. Annals of Oncology, 2011, 22, 2403-2410.	1.2	40
103	Integrated Cytogenetic and High-Resolution Array CGH Analysis of Genomic Alterations Associated with <i>MYCN</i> Amplification. Cytogenetic and Genome Research, 2011, 134, 27-39.	1.1	8
104	Detection ofERGgene rearrangements andPTENdeletions in unsuspected prostate cancer of the transition zone. Cancer Biology and Therapy, 2011, 11, 562-566.	3.4	35
105	Role of Pirh2 in Mediating the Regulation of p53 and c-Myc. PLoS Genetics, 2011, 7, e1002360.	3.5	65
106	Abstract 320: Association of higher Gleason grade with presence of PTEN deletion in prostatic adenocarcinoma. , 2011, , .		0
107	Abstract 3207: Automated quantitative analysis of p53, cyclin D1 and pErk expression in breast carcinoma does not differ from expert pathologist scoring and correlates well with clinico-pathological characteristics. , 2011, , .		0
108	Abstract 317: 1q32.1 and 16q21 genomic alterations implicate KIF14/MDM4/PIK3C2ÃŸ and CDH11 as independent prognostic markers of relapse in localized Ewing Family of Tumors. , 2011, , .		0

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109	Abstract 1168: Integrated genomic, microRNA (miRNA) and proteomic profiling by stable isotope labeling with amino acids in cell culture (SILAC) of ovarian carcinoma for biomarker discovery. , 2011, , .		0
110	Abstract 1719: Integrative genomic analysis of ovarian cancer cell lines points to EMT involvement in the development of cisplatin resistance. , 2011, , .		0
111	Expression analysis of genes associated with human osteosarcoma tumors shows correlation of RUNX2 overexpression with poor response to chemotherapy. BMC Cancer, 2010, 10, 202.	2.6	115
112	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.	4.1	143
113	A rare case of trisomy 15pterâ€q21.2 due to a de novo marker chromosome. American Journal of Medical Genetics, Part A, 2010, 152A, 753-758.	1.2	7
114	Development of metastatic and nonâ€metastatic tumor lines from a patient's prostate cancer specimenâ€"identification of a small subpopulation with metastatic potential in the primary tumor. Prostate, 2010, 70, 1636-1644.	2.3	31
115	Genomic alterations detected by comparative genomic hybridization in ovarian endometriomas. Brazilian Journal of Medical and Biological Research, 2010, 43, 799-805.	1.5	18
116	Genetic Aspects of Bone Tumors. , 2010, , 161-170.		1
117	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.	7.1	91
118	Analysis of Segmental Duplications, Mouse Genome Synteny and Recurrent Cancer-Associated Amplicons in Human Chromosome 6p21â€"p12. Cytogenetic and Genome Research, 2010, 128, 199-213.	1.1	16
119	FISH assay development for the detection of p16/CDKN2A deletion in malignant pleural mesothelioma. Journal of Clinical Pathology, 2010, 63, 630-634.	2.0	83
120	Prognostic impact of adenomatous polyposis coli gene expression in osteosarcoma of the extremities. European Journal of Cancer, 2010, 46, 3307-3315.	2.8	7
121	Cytogenetic molecular delineation of a terminal 18q deletion suggesting neo-telomere formation. European Journal of Medical Genetics, 2010, 53, 404-407.	1.3	5
122	Prkar1a is an osteosarcoma tumor suppressor that defines a molecular subclass in mice. Journal of Clinical Investigation, 2010, 120, 3310-3325.	8.2	89
123	Abstract 3037: Integrated Genomic, MicroRNA (miRNA) and Proteomic Profiling of Ovarian Carcinoma for Biomarker Discovery. , 2010, , .		0
124	Abstract 2136: Combined 8q gain and 10q loss predicts for relapse following radical radiotherapy in intermediate risk prostate cancer. , 2010, , .		0
125	Abstract 326: Prognostic value of KIF14 and MDM4 in Ewing's sarcoma. , 2010, , .		0
126	Abstract 3404: Identification of potential oncogenes in osteosarcoma pathogenesis by high-resolution array comparative genomic hybridization. , 2010, , .		0

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127	Abstract 320: Fine structure genomic mapping of chromosome 10q23 interstitial deletions in prostate cancer reveals thePTENgene locus as the minimum region deleted. , 2010, , .		0
128	The interval between Ins2 and Ascl2 is dispensable for imprinting centre function in the murine Beckwithâ€"Wiedemann region. Human Molecular Genetics, 2009, 18, 4255-4267.	2.9	12
129	Detailed cytogenetic and array analysis of pediatric primitive sarcomas reveals a recurrent CIC â€"DUX4 fusion gene event. Cancer Genetics and Cytogenetics, 2009, 195, 1-11.	1.0	95
130	Reduced tumorigenesis in p53 knockout mice exposed in utero to lowâ€dose vitamin E. Cancer, 2009, 115, 1563-1575.	4.1	10
131	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.	4.5	196
132	Highâ€resolution array CGH identifies novel regions of genomic alteration in intermediateâ€risk prostate cancer. Prostate, 2009, 69, 1091-1100.	2.3	75
133	TMPRSS2-ERG and PTEN loss in prostate cancer. Nature Genetics, 2009, 41, 509-510.	21.4	69
134	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.	11.1	881
135	Direct Profiling of Cancer Biomarkers in Tumor Tissue Using a Multiplexed Nanostructured Microelectrode Integrated Circuit. ACS Nano, 2009, 3, 3207-3213.	14.6	82
136	Identification of interactive networks of gene expression associated with osteosarcoma oncogenesis by integrated molecular profiling. Human Molecular Genetics, 2009, 18, 1962-1975.	2.9	119
137	Phase II Study of Preoperative Gefitinib in Clinical Stage I Nonâ€"Small-Cell Lung Cancer. Journal of Clinical Oncology, 2009, 27, 6229-6236.	1.6	93
138	Recurrent RECQL4 Imbalance and Increased Gene Expression Levels Are Associated with Structural Chromosomal Instability in Sporadic Osteosarcoma. Neoplasia, 2009, 11, 260-IN6.	5.3	57
139	Offâ€gas treatment carbon footprint calculator: Form and function. Remediation, 2008, 19, 39-51.	2.4	4
140	Sustainable soil remediation by refrigerated condensation at sites with â€œhigh-concentrationâ€• recalcitrant compounds and NAPL: Two case studies. , 2008, 19, 53-72.		3
141	High definition cytogenetics and oligonucleotide aCGH analyses of cisplatinâ€resistant ovarian cancer cells. Genes Chromosomes and Cancer, 2008, 47, 427-436.	2.8	15
142	Absence of TMPRSS2:ERG fusions and PTEN losses in prostate cancer is associated with a favorable outcome. Modern Pathology, 2008, 21, 1451-1460.	5.5	254
143	Prostatic preneoplasia and beyond. Biochimica Et Biophysica Acta: Reviews on Cancer, 2008, 1785, 156-181.	7.4	23
144	Complex rearrangement of chromosomes 19, 21, and 22 in Ewing sarcoma involving a novel reciprocal inversionâ€"insertion mechanism of EWSâ€"ERG fusion gene formation: a case analysis and literature review. Cancer Genetics and Cytogenetics, 2008, 181, 81-92.	1.0	38

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145	In Vitro Analysis of Integrated Global High-Resolution DNA Methylation Profiling with Genomic Imbalance and Gene Expression in Osteosarcoma. PLoS ONE, 2008, 3, e2834.	2.5	71
146	Impact of cytogenetic and genomic aberrations of the kallikrein locus in ovarian cancer. Molecular Oncology, 2008, 2, 250-260.	4.6	16
147	Decitabine-Induced Demethylation of 5â€² CpG Island in GADD45A Leads to Apoptosis in Osteosarcoma Cells. Neoplasia, 2008, 10, 471-480.	5.3	54
148	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.	1.6	674
149	TAp73 knockout shows genomic instability with infertility and tumor suppressor functions. Genes and Development, 2008, 22, 2677-2691.	5.9	378
150	Distinct Patterns of Structural and Numerical Chromosomal Instability Characterize Sporadic Ovarian Cancer. Neoplasia, 2008, 10, 1057-IN3.	5.3	40
151	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.	1.1	72
152	Loss of RB1 induces non-proliferative retinoma: increasing genomic instability correlates with progression to retinoblastoma. Human Molecular Genetics, 2008, 17, 1363-1372.	2.9	289
153	Cause and Consequences of Genetic and Epigenetic Alterations in Human Cancer. Current Genomics, 2008, 9, 394-408.	1.6	227
154	ASAP1, a Gene at 8q24, Is Associated with Prostate Cancer Metastasis. Cancer Research, 2008, 68, 4352-4359.	0.9	87
155	Epigenetic and Phenotypic Consequences of a Truncation Disrupting the Imprinted Domain on Distal Mouse Chromosome 7. Molecular and Cellular Biology, 2008, 28, 1092-1103.	2.3	14
156	Fluorescence In Situ Hybridization. Springer Protocols, 2008, , 239-255.	0.3	2
157	Murine Pif1 Interacts with Telomerase and Is Dispensable for Telomere Function In Vivo. Molecular and Cellular Biology, 2007, 27, 1017-1026.	2.3	64
158	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.	1.6	92
159	Chromosome 6p amplification and cancer progression. Journal of Clinical Pathology, 2007, 60, 1-7.	2.0	89
160	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.	1.1	48
161	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, , .	3.3	20
162	Identification of PEG10 as a progression related biomarker for hepatocellular carcinoma. Cancer Letters, 2007, 250, 284-291.	7.2	48

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163	Application and interpretation of FISH in biomarker studies. Cancer Letters, 2007, 249, 97-109.	7.2	27
164	Genomic Alterations in Sporadic Synchronous Primary Breast Cancer Using Array and Metaphase Comparative Genomic Hybridization. Neoplasia, 2007, 9, 511-520.	5.3	28
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