Sabine Mai

List of Publications by Year
in descending order

171	5,672	36	69
papers	citations	h-index	g-index
		101543	91884

175	175	175	7174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Risk Stratification and Treatment in Smoldering Multiple Myeloma. Cells, 2022, 11, 130.	4.1	3
2	Regulatory role of cathepsin L in induction of nuclear laminopathy in Alzheimerâ€™s disease. Aging Cell, 2022, 21, e13531.	6.7	17
3	Chromosome Territories in Hematological Malignancies. Cells, 2022, 11, 1368.	4.1	2
4	Telomere Dysfunction Is Associated with Altered DNA Organization in Trichoplein/Tchp/Mitostatin (TpMs) Depleted Cells. Biomedicines, 2022, 10, 1602.	3.2	0
5	A Multifocal Pediatric Papillary Thyroid Carcinoma (PTC) Harboring the AGK-BRAF and RET/PTC3 Fusion in a Mutually Exclusive Pattern Reveals Distinct Levels of Genomic Instability and Nuclear Organization. Biology, 2021, 10, 125.	2.8	4
6	Telomere Architecture Correlates with Aggressiveness in Multiple Myeloma. Cancers, 2021, 13, 1969.	3.7	12
7	Chromosomal Instability in Acute Myeloid Leukemia. Cancers, 2021, 13, 2655.	3.7	14
8	Three-Dimensional Telomeric Fingerprint of Mycosis Fungoides and/or SÃ©zary Syndrome: A Pilot Study. Journal of Investigative Dermatology, 2021, 141, 1598-1601.e4.	0.7	1
9	Three-dimensional telomere profiles in papillary thyroid cancer variants: a pilot study. Bosnian Journal of Basic Medical Sciences, 2021, , .	1.0	1
10	Genomic Instability in Circulating Tumor Cells. Cancers, 2020, 12, 3001.	3.7	8
11	Three-Dimensional Nuclear Telomere Profiling as a Biomarker for Recurrence in Oligodendrogliomas: A Pilot Study. International Journal of Molecular Sciences, 2020, 21, 8539.	4.1	2
12	Genomic Analysis of Localized High-Risk Prostate Cancer Circulating Tumor Cells at the Single-Cell Level. Cells, 2020, 9, 1863.	4.1	18
13	Genetic Landscape of Papillary Thyroid Carcinoma and Nuclear Architecture: An Overview Comparing Pediatric and Adult Populations. Cancers, 2020, 12, 3146.	3.7	35
14	Lamin A/C: Function in Normal and Tumor Cells. Cancers, 2020, 12, 3688.	3.7	46
15	Extracellular vesicles from genetically unstable, oncogene-driven cancer cells trigger micronuclei formation in endothelial cells. Scientific Reports, 2020, 10, 8532.	3.3	18
16	p53 CRISPR Deletion Affects DNA Structure and Nuclear Architecture. Journal of Clinical Medicine, 2020, 9, 598.	2.4	4
17	Depletion of Trichoplein (TpMs) Causes Chromosome Mis-Segregation, DNA Damage and Chromosome Instability in Cancer Cells. Cancers, 2020, 12, 993.	3.7	7
18	Three-Dimensional Telomere Analysis Using TeloviewÂ® Technology Identifies Smouldering Myeloma Patients with High Risk of Progression to Full Stage Multiple Myeloma in a Proof of Concept Cohort. Blood, 2020, 136, 19-20.	1.4	0

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19	Three-Dimensional Telomere Analysis Using TeloviewÂ® Technology Predicts the Response of Classic Hodgkin's Lymphoma Patients to First Line Therapy at Point of Diagnosis. Blood, 2020, 136, 36-37.	1.4	1
20	Long-Term Dynamics of Three Dimensional Telomere Profiles in Circulating Tumor Cells in High-Risk Prostate Cancer Patients Undergoing Androgen-Deprivation and Radiation Therapy. Cancers, 2019, 11, 1165.	3.7	10
21	Distinct Nuclear Organization of Telomeresand Centromeres in Monoclonal Gammopathyof Undetermined Significance and Multiple Myeloma. Cells, 2019, 8, 723.	4.1	2
22	Advancing Risk Assessment of Intermediate Risk Prostate Cancer Patients. Cancers, 2019, 11, 855.	3.7	11
23	3D Telomere Structure Analysis to DetectGenomic Instability and Cytogenetic Evolutionin Myelodysplastic Syndromes. Cells, 2019, 8, 304.	4.1	7
24	Introduction to the special issue â€œ3D nuclear architecture of the genomeâ€: Genes Chromosomes and Cancer, 2019, 58, 405-406.	2.8	1
25	Characterizing the threeâ€dimensional organization of telomeres in papillary thyroid carcinoma cells. Journal of Cellular Physiology, 2019, 234, 5175-5185.	4.1	14
26	The threeâ€dimensional cancer nucleus. Genes Chromosomes and Cancer, 2019, 58, 462-473.	2.8	26
27	Clonal evolution through genetic bottlenecks and telomere attrition: Potential threats to in vitro data reproducibility. Genes Chromosomes and Cancer, 2019, 58, 452-461.	2.8	15
28	MYCN overexpression is linked to significant differences in nuclear DNA organization in neuroblastoma. , 2019, , .		3
29	3D Telomeric Fingerprint of Advanced Cutaneous T-Cell Lymphoma. Blood, 2019, 134, 1501-1501.	1.4	0
30	Super-resolution binding activated localization microscopy through reversible change of DNA conformation. Nucleus, 2018, 9, 182-189.	2.2	13
31	Expression of Genes Associated with Telomere Homeostasis in TP53 Mutant LoVo Cell Lines as a Model for Genomic Instability. Methods in Molecular Biology, 2018, 1769, 253-262.	0.9	0
32	Study of Telomere Dysfunction in TP53 Mutant LoVo Cell Lines as a Model for Genomic Instability. Methods in Molecular Biology, 2018, 1769, 209-230.	0.9	1
33	Global Interactomics Connect Nuclear Mitotic Apparatus Protein NUMA1 to Influenza Virus Maturation. Viruses, 2018, 10, 731.	3.3	7
34	Near-field infrared nanospectroscopy and super-resolution fluorescence microscopy enable complementary nanoscale analyses of lymphocyte nuclei. Analyst, The, 2018, 143, 5926-5934.	3.5	6
35	Aqueous mounting media increasing tissue translucence improve image quality in Structured Illumination Microscopy of thick biological specimen. Scientific Reports, 2018, 8, 13971.	3.3	10
36	Distinct 3D Structural Patterns of Lamin A/C Expression in Hodgkin and Reed-Sternberg Cells. Cancers, 2018, 10, 286.	3.7	22

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37	Genomic instability and circulating tumor cells in prostate cancer. Translational Cancer Research, 2018, 7, S192-S196.	1.0	2
38	Mitogen-induced distinct epialleles are phosphorylated at either H3S10 or H3S28, depending on H3K27 acetylation. Molecular Biology of the Cell, 2017, 28, 817-824.	2.1	12
39	Imaging chromatin nanostructure with binding-activated localization microscopy based on DNA structure fluctuations. Nucleic Acids Research, 2017, 45, gkw1301.	14.5	29
40	Filtration-based enrichment of circulating tumor cells from all prostate cancer risk groups. Urologic Oncology: Seminars and Original Investigations, 2017, 35, 300-309.	1.6	23
41	Disruption of direct 3D telomereâ€“TRF2 interaction through two molecularly disparate mechanisms is a hallmark of primary Hodgkin and Reedâ€“Sternberg cells. Laboratory Investigation, 2017, 97, 772-781.	3.7	14
42	Quantitative 3D Telomeric Imaging of Buccal Cells Reveals Alzheimerâ€™s Disease-Specific Signatures. Journal of Alzheimer's Disease, 2017, 58, 139-145.	2.6	10
43	Plasma microRNA signature is associated with risk stratification in prostate cancer patients. International Journal of Cancer, 2017, 141, 1231-1239.	5.1	40
44	The Use of 3D Telomere FISH for the Characterization of the Nuclear Architecture in EBV-Positive Hodgkinâ€™s Lymphoma. Methods in Molecular Biology, 2017, 1532, 93-104.	0.9	7
45	Superâ€resolution structure of DNA significantly differs in buccal cells of controls and Alzheimer's patients. Journal of Cellular Physiology, 2017, 232, 2387-2395.	4.1	13
46	Dynamics of three-dimensional telomere profiles of circulating tumor cells in patients with high-risk prostate cancer who are undergoing androgen deprivation and radiation therapies. Urologic Oncology: Seminars and Original Investigations, 2017, 35, 112.e1-112.e11.	1.6	6
47	Distinct and shared threeâ€dimensional chromosome organization patterns in lymphocytes, monoclonal gammopathy of undetermined significance and multiple myeloma. International Journal of Cancer, 2017, 140, 400-410.	5.1	13
48	LMP1 and Dynamic Progressive Telomere Dysfunction: A Major Culprit in EBV-Associated Hodgkinâ€™s Lymphoma. Viruses, 2017, 9, 164.	3.3	15
49	Editorial (Thematic Issue: Towards New Approaches in Alzheimer's Research and Alzheimer's Disease). Current Alzheimer Research, 2016, 13, 728-729.	1.4	1
50	An intact putative mouse telomerase essential Nâ€terminal domain is necessary for proper telomere maintenance. Biology of the Cell, 2016, 108, 96-112.	2.0	5
51	DNA Superresolution Structure of Reedâ€“Sternberg Cells Differs Between Longâ€Lasting Remission Versus Relapsing Hodgkin's Lymphoma Patients. Journal of Cellular Biochemistry, 2016, 117, 1633-1637.	2.6	14
52	XPO1 Inhibition Preferentially Disrupts the 3D Nuclear Organization of Telomeres in Tumor Cells. Journal of Cellular Physiology, 2016, 231, 2711-2719.	4.1	13
53	Identification of Neuroblastoma Subgroups Based on Three-Dimensional Telomere Organization. Translational Oncology, 2016, 9, 348-356.	3.7	17
54	<i>FGFR3</i> preferentially colocalizes with <i>IGH</i> in the interphase nucleus of multiple myeloma patient Bâ€cells when <i>FGFR3</i> is located outside of CT4. Genes Chromosomes and Cancer, 2016, 55, 962-974.	2.8	3

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55	Three-dimensional telomere architecture of esophageal squamous cell carcinoma: comparison of tumor and normal epithelial cells. Ecological Management and Restoration, 2016, 29, 307-313.	0.4	3
56	Assessment of the clinical relevance of 17q25.3 copy number and three-dimensional telomere organization in non-small lung cancer patients. Journal of Cancer Research and Clinical Oncology, 2016, 142, 749-756.	2.5	8
57	Changes in Nuclear Orientation Patterns of Chromosome 11 during Mouse Plasmacytoma Development. Translational Oncology, 2015, 8, 417-423.	3.7	3
58	Measuring murine chromosome orientation in interphase nuclei. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 733-740.	1.5	3
59	<scp>MYCN</scp> overexpression is associated with unbalanced copy number gain, altered nuclear location, and overexpression of chromosome arm 17q genes in neuroblastoma tumors and cell lines. Genes Chromosomes and Cancer, 2015, 54, 616-628.	2.8	11
60	DNA methylation screening of primary prostate tumors identifies SRD5A2 and CYP11A1 as candidate markers for assessing risk of biochemical recurrence. Prostate, 2015, 75, 1790-1801.	2.3	20
61	LMP1 mediates multinuclearity through downregulation of shelterin proteins and formation of telomeric aggregates. Blood, 2015, 125, 2101-2110.	1.4	42
62	Loss of lamin A function increases chromatin dynamics in the nuclear interior. Nature Communications, 2015, 6, 8044.	12.8	230
63	Quantitative Superresolution Microscopy Reveals Differences in Nuclear DNA Organization of Multiple Myeloma and Monoclonal Gammopathy of Undetermined Significance. Journal of Cellular Biochemistry, 2015, 116, 704-710.	2.6	15
64	Disruption of Direct 3-Dimensional (3D) Telomere-TRF2 (Telomere Related Factor 2) Interaction Is a Hallmark of Primary Hodgkin (H) and Reed-Sternberg (RS) Cells. Blood, 2015, 126, 177-177.	1.4	1
65	Telomere profile of Reed-Sternberg and Hodgkin cells in diagnostic biopsy in Hodgkin lymphoma as a predictor of clinical response.. Journal of Clinical Oncology, 2015, 33, 8541-8541.	1.6	1
66	c-MYC-Induced Genomic Instability. Cold Spring Harbor Perspectives in Medicine, 2014, 4, a014373-a014373.	6.2	101
67	Three-Dimensional Quantitative Imaging of Telomeres in Buccal Cells Identifies Mild, Moderate, and Severe Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2014, 39, 35-48.	2.6	34
68	Three-Dimensional Telomere Dynamics in Follicular Thyroid Cancer. Thyroid, 2014, 24, 296-304.	4.5	8
69	A new der(1;7)(q10;p10) leading to a singular 1p loss in a case of glioblastoma with oligodendroglioma component. Neuropathology, 2014, 34, 170-178.	1.2	3
70	Differences in Nuclear DNA Organization Between Lymphocytes, Hodgkin and Reedâ€“Sternberg Cells Revealed by Structured Illumination Microscopy. Journal of Cellular Biochemistry, 2014, 115, 1441-1448.	2.6	22
71	Three-dimensional structured illumination microscopy using Lukosz bound apodization reduces pixel negativity at no resolution cost. Optics Express, 2014, 22, 11215.	3.4	7
72	Distinct nuclear orientation patterns for mouse chromosome 11 in normal B lymphocytes. BMC Cell Biology, 2014, 15, 22.	3.0	7

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73	Different <i>TP53</i> mutations are associated with specific chromosomal rearrangements, telomere length changes, and remodeling of the nuclear architecture of telomeres. Genes Chromosomes and Cancer, 2014, 53, 934-950.	2.8	15
74	Rapid Separation of Mononuclear Hodgkin from Multinuclear Reed-Sternberg Cells. Laboratory Hematology: Official Publication of the International Society for Laboratory Hematology, 2014, 20, 2-6.	1.2	2
75	Abstract B19: Three-dimensional nuclear telomere organization and clinical significance in non-small cell lung cancer patients.. Clinical Cancer Research, 2014, 20, B19-B19.	7.0	0
76	Three-dimensional (3D) telomeric architecture of esophageal squamous cell carcinoma.. Journal of Clinical Oncology, 2014, 32, e15048-e15048.	1.6	0
77	3D nuclear organization and genomic instability in cancer. BMC Proceedings, 2013, 7, K17.	1.6	0
78	Three-Dimensional Telomeric Analysis of Isolated Circulating Tumor Cells (CTCs) Defines CTC Subpopulations. Translational Oncology, 2013, 6, 51-IN4.	3.7	29
79	Differential nuclear organization of translocationâ€prone genes in nonmalignant B cells from patients with t(14;16) as compared with t(4;14) or t(11;14) myeloma. Genes Chromosomes and Cancer, 2013, 52, 523-537.	2.8	8
80	Three-dimensional Nuclear Telomere Organization in Multiple Myeloma. Translational Oncology, 2013, 6, 749-IN36.	3.7	19
81	Heterozygous mutations in the <i>PALB2</i> hereditary breast cancer predisposition gene impact on the threeâ€dimensional nuclear organization of patientâ€derived cell lines. Genes Chromosomes and Cancer, 2013, 52, 480-494.	2.8	6
82	Image filtering in structured illumination microscopy using the Lukosz bound. Optics Express, 2013, 21, 24431.	3.4	25
83	Genomic Instability: The Driving Force behind Refractory/Relapsing Hodgkinâ€™s Lymphoma. Cancers, 2013, 5, 714-725.	3.7	18
84	Threeâ€dimensional nuclear telomere architecture changes during endometrial carcinoma development. Genes Chromosomes and Cancer, 2013, 52, 716-732.	2.8	7
85	Nuclear remodeling of telomeres in chronic myeloid leukemia. Genes Chromosomes and Cancer, 2013, 52, 495-502.	2.8	7
86	Mining Gene Expression Signature for the Detection of Pre-Malignant Melanocytes and Early Melanomas with Risk for Metastasis. PLoS ONE, 2012, 7, e44800.	2.5	20
87	Profiling Three-Dimensional Nuclear Telomeric Architecture of Myelodysplastic Syndromes and Acute Myeloid Leukemia Defines Patient Subgroups. Clinical Cancer Research, 2012, 18, 3293-3304.	7.0	40
88	Selected Telomere Length Changes and Aberrant Three-dimensional Nuclear Telomere Organization during Fast-Onset Mouse Plasmacytomas. Neoplasia, 2012, 14, 344-351.	5.3	9
89	Three-dimensional Telomere Signatures of Hodgkin- and Reed-Sternberg Cells at Diagnosis Identify Patients with Poor Response to Conventional Chemotherapy. Translational Oncology, 2012, 5, 269-277.	3.7	46
90	Differential positioning and close spatial proximity of translocationâ€prone genes in nonmalignant Bâ€cells from multiple myeloma patients. Genes Chromosomes and Cancer, 2012, 51, 727-742.	2.8	4

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91	Shattered and stitched chromosomesâ€”chromothripsis and chromoanasynthesisâ€”manifestations of a new chromosome crisis?. Genes Chromosomes and Cancer, 2012, 51, 975-981.	2.8	36
92	Loss of HLTF function promotes intestinal carcinogenesis. Molecular Cancer, 2012, 11, 18.	19.2	37
93	Three-Dimensional Nuclear Telomeric Organization (3D) of Chronic Myeloid Leukemia Patients Predicts Accelerated Phase and Blast Crisis.. Blood, 2012, 120, 2771-2771.	1.4	0
94	Inversion and deletion of 16q22 defined by array CGH, FISH, and RT-PCR in a patient with AML. Cancer Genetics, 2011, 204, 344-347.	0.4	9
95	Nuclear Remodeling as a Mechanism for Genomic Instability in Cancer. Advances in Cancer Research, 2011, 112, 77-126.	5.0	22
96	Recurrent trisomy and Robertsonian translocation of chromosome 14 in murine iPS cell lines. Chromosome Research, 2011, 19, 857-868.	2.2	16
97	3D imaging of telomeres and nuclear architecture: An emerging tool of 3D nanoâ€morphologyâ€based diagnosis. Journal of Cellular Physiology, 2011, 226, 859-867.	4.1	9
98	Novel automated threeâ€dimensional genome scanning based on the nuclear architecture of telomeres. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 159-166.	1.5	11
99	Translocation frequencies and chromosomal proximities for selected mouse chromosomes in primary B lymphocytes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 276-283.	1.5	5
100	Cyclin E amplification/overexpression is a mechanism of trastuzumab resistance in HER2 ⁺ breast cancer patients. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3761-3766.	7.1	291
101	Abstract 2727: The three-dimensional nuclear organization of telomeres during endometrial carcinoma development. , 2011, , .		1
102	3D Telomeric Profiles of MGUS, MMN and Relapsed MM. Blood, 2011, 118, 2899-2899.	1.4	0
103	Dynamic chromosomal rearrangements in Hodgkin's lymphoma are due to ongoing three-dimensional nuclear remodeling and breakage-bridge-fusion cycles. Haematologica, 2010, 95, 2038-2046.	3.5	49
104	3D structural and functional characterization of the transition from Hodgkin to Reed-Sternberg cells. Annals of Anatomy, 2010, 192, 302-308.	1.9	13
105	Nuclear imaging in three dimensions: A unique tool in cancer research. Annals of Anatomy, 2010, 192, 292-301.	1.9	14
106	Nucleosomal response, immediate-early gene expression and cell transformation. Advances in Enzyme Regulation, 2010, 50, 135-145.	2.6	9
107	Initiation of telomereâ€mediated chromosomal rearrangements in cancer. Journal of Cellular Biochemistry, 2010, 109, 1095-1102.	2.6	47
108	p53 functions and cell lines: Have we learned the lessons from the past?. BioEssays, 2010, 32, 392-400.	2.5	13

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109	3D nuclear organization of telomeres in the Hodgkin cell lines U-HO1 and U-HO1-PTPN1: PTPN1 expression prevents the formation of very short telomeres including "t-stumps". BMC Cell Biology, 2010, 11, 99.	3.0	18
110	Chromosomal rearrangements after ex vivo Epsteinâ€“Barr virus (EBV) infection of human B cells. Oncogene, 2010, 29, 503-515.	5.9	59
111	3D Telomere FISH defines LMP1-expressing Reedâ€“Sternberg cells as end-stage cells with telomere-poor â€˜ghost' nuclei and very short telomeres. Laboratory Investigation, 2010, 90, 611-619.	3.7	30
112	Duplication of Subcytoband 11E2 of Chromosome 11 Is Regularly Associated with Accelerated Tumor Development in v-abl/myc-Induced Mouse Plasmacytomas. Genes and Cancer, 2010, 1, 847-858.	1.9	7
113	Telomere-Centromere-Driven Genomic Instability Contributes to Karyotype Evolution in a Mouse Model of Melanoma. Neoplasia, 2010, 12, 11-IN4.	5.3	18
114	Homozygous<i>BUB1B</i>Mutation and Susceptibility to Gastrointestinal Neoplasia. New England Journal of Medicine, 2010, 363, 2628-2637.	27.0	82
115	Three-dimensional Nuclear Telomere Architecture Is Associated with Differential Time to Progression and Overall Survival in Glioblastoma Patients. Neoplasia, 2010, 12, 183-191.	5.3	46
116	3D Telomere Dynamics In Hodgkin's Lymphoma. Blood, 2010, 116, 745-745.	1.4	1
117	Cancer-Specific Nuclear Positioning of Translocation Prone Gene Loci In Non-Malignant B-Cells From Patients with Multiple Myeloma. Blood, 2010, 116, 783-783.	1.4	13
118	Transient Anomalous Diffusion of Telomeres in the Nucleus of Mammalian Cells. Physical Review Letters, 2009, 103, 018102.	7.8	415
119	EGF receptor inhibitors in the treatment of glioblastoma multiform: Old clinical allies and newly emerging therapeutic concepts. European Journal of Pharmacology, 2009, 625, 23-30.	3.5	25
120	Increased genomic instability and altered chromosomal protein phosphorylation timing in <i>HRAS</i>â€transformed mouse fibroblasts. Genes Chromosomes and Cancer, 2009, 48, 397-409.	2.8	15
121	Novel roles for A-type lamins in telomere biology and the DNA damage response pathway. EMBO Journal, 2009, 28, 2414-2427.	7.8	208
122	The 3D nuclear organization of telomeres marks the transition from Hodgkin to Reedâ€“Sternberg cells. Leukemia, 2009, 23, 565-573.	7.2	70
123	Generation of functional scFv intrabody to abate the expression of CD147 surface molecule of 293A cells. BMC Biotechnology, 2008, 8, 5.	3.3	18
124	Centromeres in cell division, evolution, nuclear organization and disease. Journal of Cellular Biochemistry, 2008, 104, 2040-2058.	2.6	17
125	Premalignant Cervical Lesions Are Characterized by Dihydrofolate Reductase Gene Amplification and c-Myc Overexpression. Journal of Lower Genital Tract Disease, 2007, 11, 265-272.	1.9	13
126	c-Mycâ€"Dependent Formation of Robertsonian Translocation Chromosomes in Mouse Cells. Neoplasia, 2007, 9, 578-IN1.	5.3	25

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127	Denseâ€core and diffuse Aβ plaques in TgCRND8 mice studied with synchrotron FTIR microspectroscopy. Biopolymers, 2007, 87, 207-217.	2.4	88
128	Alterations of centromere positions in nuclei of immortalized and malignant mouse lymphocytes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2007, 71A, 386-392.	1.5	24
129	Telomeric aggregates and end-to-end chromosomal fusions require myc box II. Oncogene, 2007, 26, 1398-1406.	5.9	18
130	Fluorescence in situ hybridization analysis of hobo, mdg1 and Dm412 transposable elements reveals genomic instability following the Drosophila melanogaster genome sequencing. Heredity, 2007, 99, 525-530.	2.6	18
131	Tip60 is a haplo-insufficient tumour suppressor required for an oncogene-induced DNA damage response. Nature, 2007, 448, 1063-1067.	27.8	296
132	Formation of non-random extrachromosomal elements during development, differentiation and oncogenesis. Seminars in Cancer Biology, 2007, 17, 56-64.	9.6	75
133	Non-random genomic instability in cancer: A fact, not an illusion. Seminars in Cancer Biology, 2007, 17, 1-4.	9.6	5
134	3D Nuclear Organization of Telomeres in Hodgkin and Reed-Sternberg Cells.. Blood, 2007, 110, 382-382.	1.4	0
135	ATMâ€"Chk2â€"p53 activation prevents tumorigenesis at an expense of organ homeostasis upon Brca1 deficiency. EMBO Journal, 2006, 25, 2167-2177.	7.8	103
136	The significance of telomeric aggregates in the interphase nuclei of tumor cells. Journal of Cellular Biochemistry, 2006, 97, 904-915.	2.6	80
137	Binding of multivalent CD147 phage induces apoptosis of U937 cells. International Immunology, 2006, 18, 1159-1169.	4.0	11
138	Three-dimensional analysis tool for segmenting and measuring the structure of telomeres in mammalian nuclei. , 2005, , .		0
139	Choices for tissue visualization with IR microspectroscopy. Vibrational Spectroscopy, 2005, 38, 133-141.	2.2	12
140	Uncoupling of genomic instability and tumorigenesis in a mouse model of Burkitt's lymphoma expressing a conditional box II-deleted Myc protein. Oncogene, 2005, 24, 2944-2953.	5.9	13
141	Characterizing the three-dimensional organization of telomeres. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2005, 67A, 144-150.	1.5	88
142	c-Myc Deregulation Promotes a Complex Network of Genomic Instability. , 2005, , 87-97.		2
143	Telomeres, Genomic Instability, DNA Repair and Breast Cancer. Current Medicinal Chemistry Anti-inflammatory & Anti-allergy Agents, 2005, 4, 421-428.	0.4	5
144	c-Myc induces chromosomal rearrangements through telomere and chromosome remodeling in the interphase nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9613-9618.	7.1	142

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145	Oncogenic Remodeling of the Three-Dimensional Organization of the Interphase Nucleus: c-Myc Induces Telomeric Aggregates Whose Formation Precedes Chromosomal Rearrangements. Cell Cycle, 2005, 4, 1327-1331.	2.6	46
146	Cyclin D expression in chronic lymphocytic leukemia. Leukemia and Lymphoma, 2005, 46, 1275-1285.	1.3	11
147	Cell cycle-dependent 3D distribution of telomeres and telomere repeat-binding factor 2 (TRF2) in HaCaT and HaCaT-myc cells. European Journal of Cell Biology, 2004, 83, 681-690.	3.6	24
148	Rearrangements of the telomeric region of mouse chromosome 11 in Pre-B ABL/MYC cells revealed by mBANDing, spectral karyotyping, and fluorescence in-situ hybridization with a subtelomeric probe. Chromosome Research, 2004, 12, 777-785.	2.2	17
149	Elongated mouse chromosomes suitable for enhanced molecular cytogenetics. Cytotechnology, 2004, 44, 143-149.	1.6	3
150	The three-dimensional organization of telomeres in the nucleus of mammalian cells. BMC Biology, 2004, 2, 12.	3.8	122
151	Metaphase FISHing of transgenic mice recommended: FISH and SKY define BACâ€mediated balanced translocation. Genesis, 2003, 36, 134-141.	1.6	14
152	c-Myc-Induced Extrachromosomal Elements Carry Active Chromatin. Neoplasia, 2003, 5, 110-120.	5.3	25
153	c-Myc-Induced Genomic Instability. Journal of Environmental Pathology, Toxicology and Oncology, 2003, 22, 179-200.	1.2	48
154	c-Myc initiates illegitimate replication of the ribonucleotide reductase R2 gene. Oncogene, 2002, 21, 909-920.	5.9	28
155	c-MYC overexpression in Ba/F3 cells simultaneously elicits genomic instability and apoptosis. Oncogene, 2002, 21, 2981-2990.	5.9	38
156	The impact of p53 loss on murine plasmacytoma development. Chromosome Research, 2002, 10, 239-251.	2.2	9
157	Fus deficiency in mice results in defective B-lymphocyte development and activation, high levels of chromosomal instability and perinatal death. Nature Genetics, 2000, 24, 175-179.	21.4	265
158	Deregulated expression of c-Myc in a translocation-negative plasmacytoma on extrachromosomal elements that carry <i>IgH</i> and <i>myc</i> genes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 13967-13972.	7.1	19
159	FISH on purified extrachromosomal DNA molecules. Technical Tips Online, 1999, 4, 75-79.	0.2	2
160	Chromosomal and Extrachromosomal Instability of the cyclin D2 Gene is Induced by Myc Overexpression. Neoplasia, 1999, 1, 241-252.	5.3	42
161	The ribonucleotide reductase R2 gene is a non-transcribed target of c-Myc-induced genomic instability. Gene, 1999, 238, 351-365.	2.2	29
162	Activation of Rat Alveolar Macrophage-Derived Latent Transforming Growth Factor Î²-1 by Plasmin Requires Interaction with Thrombospondin-1 and its Cell Surface Receptor, CD36. American Journal of Pathology, 1999, 155, 841-851.	3.8	166

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163	c-Myc-Associated Genomic Instability of the Dihydrofolate Reductase Locus in Vivo. Cancer Detection and Prevention, 1998, 22, 350-356.	2.1	23
164	Granzyme B (GraB) Autonomously Crosses the Cell Membrane and Perforin Initiates Apoptosis and GraB Nuclear Localization. Journal of Experimental Medicine, 1997, 185, 855-866.	8.5	216
165	C-myc overexpression facilitates radiation-induced DHFR gene amplification. International Journal of Radiation Biology, 1997, 71, 167-175.	1.8	6
166	Genomic instability and apoptosis are frequent in p53 deficient young mice. Oncogene, 1997, 15, 1295-1302.	5.9	180
167	Genomic instability in MycER-activated Rat1A-MycER cells. Chromosome Research, 1996, 4, 365-371.	2.2	91
168	The c-myc protein represses the Î»5 and TdT initiators. Nucleic Acids Research, 1995, 23, 1-9.	14.5	53
169	C-Myc binds to 5â€² flanking sequence motifs of the dihydrofolate reductase gene in cellular extracts: role in proliferation. Nucleic Acids Research, 1994, 22, 2264-2273.	14.5	45
170	Overexpression of c-myc precedes amplification of the gene encoding dihydrofolate reductase. Gene, 1994, 148, 253-260.	2.2	50
171	Radiation-induced activation of transcription factors in mammalian cells. Radiation and Environmental Biophysics, 1990, 29, 303-313.	1.4	50