Susanne M Gollin

List of Publications by Year
in descending order

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106 papers	5,955 citations	70961 41 h-index	79541 73 g-index
110 all docs	110 docs citations	110 times ranked	8022 citing authors

#	Article	IF	Citations
1	Spindle Multipolarity Is Prevented by Centrosomal Clustering. Science, 2005, 307, 127-129.	6.0	394
2	The Epidemiology and Risk Factors of Head and Neck Cancer: a Focus on Human Papillomavirus. Journal of Dental Research, 2007, 86, 104-114.	2.5	329
3	TMEM16A Induces MAPK and Contributes Directly to Tumorigenesis and Cancer Progression. Cancer Research, 2012, 72, 3270-3281.	0.4	252
4	Resolution of anaphase bridges in cancer cells. Chromosoma, 2004, 112, 389-97.	1.0	226
5	Head and neck squamous cell carcinoma cell lines: Established models and rationale for selection. Head and Neck, 2007, 29, 163-188.	0.9	209
6	Decreased expression of miRâ€125b and miRâ€100 in oral cancer cells contributes to malignancy. Genes Chromosomes and Cancer, 2009, 48, 569-582.	1.5	203
7	Uncommon Mutation, but Common Amplifications, of thePIK3CAGene in Thyroid Tumors. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4688-4693.	1.8	189
8	Chromosomal alterations in squamous cell carcinomas of the head and neck: Window to the biology of disease. Head and Neck, 2001, 23, 238-253.	0.9	174
9	High-resolution mapping of the 11q13 amplicon and identification of a gene, TAOS1, that is amplified and overexpressed in oral cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11369-11374.	3.3	170
10	A Stochastic Model for Cancer Stem Cell Origin in Metastatic Colon Cancer. Cancer Research, 2008, 68, 6932-6941.	0.4	144
11	Isochromosome 12p mosaicism (Pallister mosaic aneuploidy or Pallister-Killian syndrome): Report of 11 cases. American Journal of Medical Genetics Part A, 1987, 27, 257-274.	2.4	135
12	Loss of DNA Polymerase Î¶ Causes Chromosomal Instability in Mammalian Cells. Cancer Research, 2006, 66, 134-142.	0.4	121
13	The influence of clinical and demographic risk factors on the establishment of head and neck squamous cell carcinoma cell lines. Oral Oncology, 2007, 43, 701-712.	0.8	120
14	Comprehensive genome and transcriptome analysis of the 11q13 amplicon in human oral cancer and synteny to the 7F5 amplicon in murine oral carcinoma. Genes Chromosomes and Cancer, 2006, 45, 1058-1069.	1.5	118
15	Mechanisms leading to chromosomal instability. Seminars in Cancer Biology, 2005, 15, 33-42.	4.3	112
16	Overexpression of Cdc20 leads to impairment of the spindle assembly checkpoint and aneuploidization in oral cancer. Carcinogenesis, 2007, 28, 81-92.	1.3	110
17	Fatty acid synthase gene overexpression and copy number gain in prostate adenocarcinomaâ˜†. Human Pathology, 2006, 37, 401-409.	1.1	102
18	Viral load, gene expression and mapping of viral integration sites in HPV16â€associated HNSCC cell lines. International Journal of Cancer, 2015, 136, E207-18.	2.3	92

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19	A consistent pattern ofRIN1 rearrangements in oral squamous cell carcinoma cell lines supports a breakage-fusion-bridge cycle model for 11q13 amplification. , 2000, 28, 153-163.		89
20	Human papillomavirus-16 associated squamous cell carcinoma of the head and neck (SCCHN): A natural disease model provides insights into viral carcinogenesis. European Journal of Cancer, 2005, 41, 807-815.	1.3	88
21	Two new human cholangiocarcinoma cell lines and their cytogenetics and responses to growth factors, hormones, cytokines or immunologic effector cells. International Journal of Cancer, 1992, 52, 252-260.	2.3	82
22	Loss of distal 11q is associated with DNA repair deficiency and reduced sensitivity to ionizing radiation in head and neck squamous cell carcinoma. Genes Chromosomes and Cancer, 2007, 46, 761-775.	1.5	79
23	Chromosomal imbalances in oral squamous cell carcinoma: Examination of 31 cell lines and review of the literature. Oral Oncology, 2008, 44, 369-382.	0.8	78
24	Mapping and analysis of HPV16 integration sites in a head and neck cancer cell line. International Journal of Cancer, 2004, 110, 701-709.	2.3	77
25	11q13 amplification status and human papillomavirus in relation to p16 expression defines two distinct etiologies of head and neck tumours. British Journal of Cancer, 2006, 95, 1432-1438.	2.9	77
26	Transcript Map of the 8p23 Putative Tumor Suppressor Region. Genomics, 2001, 75, 17-25.	1.3	74
27	Genomic and Transcriptomic Characterization Links Cell Lines with Aggressive Head and Neck Cancers. Cell Reports, 2018, 25, 1332-1345.e5.	2.9	66
28	Quantitative Chemical Proteomics Reveals New Potential Drug Targets in Head and Neck Cancer. Molecular and Cellular Proteomics, 2011, 10, M111.011635.	2.5	65
29	Cigarette smoke induces anaphase bridges and genomic imbalances in normal cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 554, 375-385.	0.4	64
30	Overexpression of Glycosylphosphatidylinositol (GPI) Transamidase Subunits Phosphatidylinositol Glycan Class T and/or GPI Anchor Attachment 1 Induces Tumorigenesis and Contributes to Invasion in Human Breast Cancer. Cancer Research, 2006, 66, 9829-9836.	0.4	62
31	Visualization ofINT2 andHST1 Amplification in oral squamous cell carcinomas. Genes Chromosomes and Cancer, 1995, 12, 288-295.	1.5	59
32	Lack of PAX5 rearrangements in lymphoplasmacytic lymphomas: reassessing the reported association with t(9;14)1 1These studies were performed in the University of Pittsburgh Cancer Institute Cytogenetics Facility.. Human Pathology, 2004, 35, 447-454.	1.1	57
33	Microsatellite instability in oral cancer. International Journal of Cancer, 1995, 64, 332-335.	2.3	55
34	Recurrence in oral and pharyngeal cancer is associated with quantitative MGMT promoter methylation. BMC Cancer, 2009, 9, 354.	1.1	55
35	Chromosomal breakpoints in cholangiocarcinoma cell lines. Genes Chromosomes and Cancer, 1990, 2, 300-310.	1.5	53
36	The p53â€“PUMA axis suppresses iPSC generation. Nature Communications, 2013, 4, 2174.	5.8	53

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37	Cytogenetic alterations and their molecular genetic correlates in head and neck squamous cell carcinoma: A next generation window to the biology of disease. Genes Chromosomes and Cancer, 2014, 53, 972-990.	1.5	53
38	Frequent allelic loss and homozygous deletion in chromosome band 8p23 in oral cancer. , 1999, 80, 25-31.		51
39	Chemosensitization of head and neck cancer cells by PUMA. Molecular Cancer Therapeutics, 2007, 6, 3180-3188.	1.9	48
40	The presence of multiple regions of homozygous deletion at the CSMD1 locus in oral squamous cell carcinoma question the role of CSMD1 in head and neck carcinogenesis. Genes Chromosomes and Cancer, 2003, 37, 132-140.	1.5	47
41	Polymorphisms in DNA damage response genes and head and neck cancer risk. Biomarkers, 2010, 15, 379-399.	0.9	45
42	Relationship betweenFRA11F and 11q13 gene amplification in oral cancer. Genes Chromosomes and Cancer, 2007, 46, 143-154.	1.5	44
43	Chromosomal instability. Current Opinion in Oncology, 2004, 16, 25-31.	1.1	43
44	Interlaboratory study to validate a STR profiling method for intraspecies identification of mouse cell lines. PLoS ONE, 2019, 14, e0218412.	1.1	41
45	Knowledge about human papillomavirus and the HPV vaccine â€“ a survey of the general population. Infectious Agents and Cancer, 2009, 4, S10.	1.2	40
46	Association of 8p23 Deletions with Poor Survival in Head and Neck Cancer. Otolaryngology - Head and Neck Surgery, 2001, 124, 451-455.	1.1	39
47	Chromosomal instability and marker chromosome evolution in oral squamous cell carcinoma. Genes Chromosomes and Cancer, 2004, 41, 38-46.	1.5	39
48	Targeted inhibition of ATR or CHEK1 reverses radioresistance in oral squamous cell carcinoma cells with distal chromosome arm 11q loss. Genes Chromosomes and Cancer, 2014, 53, 129-143.	1.5	39
49	Identification, expansion and characterization of cancer cells with stem cell properties from head and neck squamous cell carcinomas. Experimental Cell Research, 2016, 348, 75-86.	1.2	39
50	Loss of heterozygosity of the short arm of chromosomes 3 and 9 in oral cancer. , 1996, 69, 1-4.		38
51	Consistent numerical chromosome aberrations in congenital fibrosarcoma. Cancer Genetics and Cytogenetics, 1993, 65, 152-156.	1.0	37
52	Chondromyxoid fibroma of rib with a novel chromosomal translocation: a report of four additional cases at unusual sites. Diagnostic Pathology, 2007, 2, 44.	0.9	36
53	Integration of highâ€risk human papillomavirus into cellular cancerâ€related genes in head and neck cancer cell lines. Head and Neck, 2017, 39, 840-852.	0.9	34
54	Defining the borders of splenic marginal zone lymphoma: a multiparameter study. Human Pathology, 2010, 41, 540-551.	1.1	33

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55	Prevalence of HPV infection in racialâ€“ethnic subgroups of head and neck cancer patients. Carcinogenesis, 2017, 38, 218-229.	1.3	33
56	A porcine model of phenylketonuria generated by CRISPR/Cas9 genome editing. JCI Insight, 2020, 5, .	2.3	29
57	Splenic small B-cell lymphoma with IGH/BCL3 translocation. Human Pathology, 2006, 37, 218-230.	1.1	28
58	Cell cycle-specific changes in the ultrastructural organization of prematurely condensed chromosomes. Chromosoma, 1983, 88, 333-342.	1.0	27
59	Myeloperoxidase-Dependent Oxidation of Etoposide in Human Myeloid Progenitor CD34⁺Cells. Molecular Pharmacology, 2011, 79, 479-487.	1.0	27
60	Distinct distribution of HPV types among cancer-free Afro-Caribbean women from Tobago. Biomarkers, 2007, 12, 510-522.	0.9	26
61	Fluorescence Immunophenotypic and Interphase Cytogenetic Characterization of Nodal Lymphoplasmacytic Lymphoma. American Journal of Surgical Pathology, 2008, 32, 1643-1653.	2.1	26
62	Confirmation of autosomal dominant transmission of the DiGeorge malformation complex. Journal of Pediatrics, 1988, 113, 506-508.	0.9	25
63	Deletion 6q is not a characteristic marker of nodal lymphoplasmacytic lymphoma. Cancer Genetics and Cytogenetics, 2005, 162, 85-88.	1.0	25
64	Upregulation of the ATRâ€CHEK1 pathway in oral squamous cell carcinomas. Genes Chromosomes and Cancer, 2014, 53, 25-37.	1.5	25
65	Spontaneous expression of fra(11)(q23) in a patient with Ewing's sarcoma and t(11;22)(q23;q11). Cancer Genetics and Cytogenetics, 1986, 20, 331-339.	1.0	24
66	Cytogenetic abnormalities in an ossifying fibroma from a patient with bilateral retinoblastoma. Genes Chromosomes and Cancer, 1992, 4, 146-152.	1.5	23
67	Isolation and characterization of a human hepatic epithelial-like cell line (AKN-1) from a normal liver. In Vitro Cellular and Developmental Biology - Animal, 1999, 35, 190-197.	0.7	23
68	Comparisons of high-risk cervical HPV infections in Caribbean and US populations. Infectious Agents and Cancer, 2009, 4, S9.	1.2	23
69	Cytogenetics of cranial base tumors. Journal of Neuro-Oncology, 1994, 20, 241-254.	1.4	21
70	Morphologic, immunologic, biochemical, and cytogenetic characteristics of the human glioblastoma-derived cell line, SNB-19. In Vitro Cellular and Developmental Biology - Animal, 1995, 31, 610-616.	0.7	21
71	Bipolar affective disorder partially cosegregates with a balanced t(9;11)(p24;q23.1) chromosomal translocation in a small pedigree. , 1998, 81, 81-91.		21
72	Medulloblastoma and Glioblastoma Multiforme in a Patient with Turcot Syndrome: A Case Report. World Neurosurgery, 1998, 49, 295-301.	1.3	21

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73	Atypical (7;19) translocation in acute myelomonocytic leukemia. Cancer Genetics and Cytogenetics, 1991, 57, 169-173.	1.0	20
74	Chromosomal fragility in patients with triple A syndrome. American Journal of Medical Genetics Part A, 2003, 117A, 30-36.	2.4	20
75	Sheddase Activity of Tumor Necrosis Factor-Î± Converting Enzyme Is Increased and Prognostically Valuable in Head and Neck Cancer. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 2913-2922.	1.1	19
76	Mechanisms leading to nonrandom, nonhomologous chromosomal translocations in leukemia. Seminars in Cancer Biology, 2007, 17, 74-79.	4.3	18
77	An abnormal clone with monosomy 7 and trisomy 21 in the bone marrow of a child with congenital agranulocytosis (Kostmann disease) treated with granulocyte colony-stimulating factor. Cancer Genetics and Cytogenetics, 1995, 84, 99-104.	1.0	17
78	Malignancy after retinoblastoma: Secondary cancer or recurrence?. Human Pathology, 1997, 28, 200-205.	1.1	16
79	Acquired monosomy 7 in donor cells in a patient treated for acute lymphoblastic leukemia with bone marrow transplantation. Cancer Genetics and Cytogenetics, 1997, 95, 190-197.	1.0	16
80	Roberts syndrome with normal cell division. American Journal of Medical Genetics Part A, 1991, 38, 21-24.	2.4	15
81	The Genomic Landscape of <i>PAX5</i>, <i>IKZF1</i>, and <i>CDKN2A/B </i>Alterations in B-Cell Precursor Acute Lymphoblastic Leukemia. Cytogenetic and Genome Research, 2016, 150, 242-252.	0.6	15
82	Detection and assignment ofTP53 mutations in tumor DNA using peptide mass signature genotyping. Human Mutation, 2003, 22, 158-165.	1.1	14
83	The occurrence of chromosome segregational defects is an intrinsic and heritable property of oral squamous cell carcinoma cell lines. Cancer Genetics and Cytogenetics, 2004, 150, 57-61.	1.0	14
84	Immunomodulatory drugs downregulate IKZF1 leading to expansion of hematopoietic progenitors with concomitant block of megakaryocytic maturation. Haematologica, 2018, 103, 1688-1697.	1.7	14
85	Comparative genomic hybridization of hepatocellular carcinoma: correlation with fluorescence in situ hybridization in paraffin-embedded tissue. Molecular Diagnosis and Therapy, 2001, 6, 27-37.	1.3	14
86	Prevalence of Cancer-Associated Viral Infections in Healthy Afro-Caribbean Populations: A Review of the Literature. Cancer Investigation, 2008, 26, 936-947.	0.6	13
87	Cell division patterns and chromosomal segregation defects in oral cancer stem cells. Genes Chromosomes and Cancer, 2016, 55, 694-709.	1.5	13
88	Correlation of Classic and Molecular Cytogenetic Alterations in Soft-Tissue Sarcomas: Analysis of 46 Tumors With Emphasis on Adipocytic Tumors and Synovial Sarcoma. Applied Immunohistochemistry and Molecular Morphology, 2017, 25, 168-177.	0.6	13
89	A Near-Haploid Bone Marrow Karyotype in Systemic Mast Cell Disease: Is It Characteristic of the Disease or an Incidental Finding?. Cancer Genetics and Cytogenetics, 1998, 103, 124-129.	1.0	12
90	In vitro culture of B-lymphocytes derived from epstein-barr-virus-associated posttransplant lymphoproliferative disease: Cytokine production and effect of interferon-alpha. In Vitro Cellular and Developmental Biology - Animal, 1997, 33, 803-808.	0.7	11

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91	Chronic myelogenous leukemia and acute lymphoblastic leukemia occurring in the course of polycythemia vera. American Journal of Hematology, 1993, 43, 123-128.	2.0	10
92	Clonal chromosomal aberrations in a leiomyosarcoma of the sinonasal tract. Cancer Genetics and Cytogenetics, 1993, 65, 21-26.	1.0	9
93	DLC1 is unlikely to be a primary target for deletions on chromosome arm 8p22 in head and neck squamous cell carcinoma. Cancer Letters, 2004, 209, 207-213.	3.2	7
94	Bipolar affective disorder partially cosegregates with a balanced t(9;11)(p24;q23.1) chromosomal translocation in a small pedigree. American Journal of Medical Genetics Part A, 1998, 81, 81-91.	2.4	4
95	Isopycnic centrifugation of mammalian metaphase chromosomes in nycodenz. Experimental Cell Research, 1984, 152, 204-211.	1.2	3
96	Flow cytometric detection of lymphocyte alterations in huntington's disease. Life Sciences, 1985, 36, 619-626.	2.0	3
97	Parental alleles of an imprinted mouse transgene replicate synchronously. , 1998, 23, 275-284.		3
98	Longitudinal bone marrow evaluations for myelodysplasia in patients with myeloma before and after treatment with lenalidomide. Leukemia and Lymphoma, 2013, 54, 1965-1974.	0.6	3
99	Epidemiology of HPV-Associated Oropharyngeal Squamous Cell Carcinoma. , 2015, , 1-23.		3
100	A prolonged response to platinumâ€based therapy in a patient with metastatic urothelial carcinoma harboring a single rearranged and truncated NF2 gene. Genes Chromosomes and Cancer, 2018, 57, 430-433.	1.5	3
101	Acute myeloblastic leukemia with a pericentric inversion of chromosome 6 in a child with down syndrome. Cancer Genetics and Cytogenetics, 1994, 73, 157-160.	1.0	2
102	Loss of heterozygosity of the short arm of chromosomes 3 and 9 in oral cancer. , 1996, 69, 1.		2
103	Janet Davison Rowley, M.D. (1925â€“2013). American Journal of Human Genetics, 2014, 94, 805-808.	2.6	1
104	IMiDÂ® Immunomodulatory Drugs Lenalidomide and Pomalidomide Inhibit the Maturation of Megakaryocytes by Suppressing the Expression of GATA1. Blood, 2011, 118, 1840-1840.	0.6	1
105	To the editor. Genes Chromosomes and Cancer, 1992, 5, 270-270.	1.5	0
106	Acquired chromosome abnormalities: the cytogenetics of cancer. , 2005, , .		0