Denise Sheer

List of Publications by Year in Descending Order

138 papers	10,202 citations	49 h-index	99 g-index
144 ext. papers	10,990 ext. citations	8.9 avg, IF	5.17 L-index

#	Paper	IF	Citations
138	LGG-44. Multi-omic analysis reveals integrated signalling networks in paediatric low-grade glioma. *Neuro-Oncology*, **2022**, 24, i98-i98	1	
137	Comparative epigenetic analysis of tumour initiating cells and syngeneic EPSC-derived neural stem cells in glioblastoma. *Nature Communications*, **2021**, 12, 6130	17.4	4
136	Microglia promote glioblastoma via mTOR-mediated immunosuppression of the tumour microenvironment. *EMBO Journal*, **2020**, 39, e103790	13	22
135	Enzymatic degradation of RNA causes widespread protein aggregation in cell and tissue lysates. *EMBO Reports*, **2020**, 21, e49585	6.5	8
134	LGG-57. SIGNALLING MECHANISMS IN PAEDIATRIC LOW-GRADE GLIOMA. *Neuro-Oncology*, **2020**, 22, iii377-iii377	1	78
133	c-MYC overexpression induces choroid plexus papillomas through a T-cell mediated inflammatory mechanism. *Acta Neuropathologica Communications*, **2019**, 7, 95	7.3	3
132	Choroid plexus papillomas are induced by c-Myc overexpression in the choroid plexus via a T-cell inflammatory mechanism. *Neuro-Oncology*, **2019**, 21, iv9-iv10	1	78
131	The proteome of neurofilament-containing protein aggregates in blood. *Biochemistry and Biophysics Reports*, **2018**, 14, 168-177	2.2	9
130	Genome-wide methylation analysis identifies genes silenced in non-seminoma cell lines. *Npj Genomic Medicine*, **2016**, 1, 15009	6.2	5
129	DNA methylation analysis of paediatric low-grade astrocytomas identifies a tumour-specific hypomethylation signature in pilocytic astrocytomas. *Acta Neuropathologica Communications*, **2016**, 4, 54	7.3	17
128	DNA replication-dependent induction of gene proximity by androgen. *Human Molecular Genetics*, **2015**, 24, 963-71	5.6	6
127	PO77EXPRESSION OF THE ONCOGENIC SPLICE VARIANT OF CYCLIN D1, CCND1B, IN PAEDIATRIC LOW GRADE GLIOMAS. *Neuro-Oncology*, **2015**, 17, viii14.2-viii14	1	78
126	Molecular analysis of pediatric brain tumors identifies microRNAs in pilocytic astrocytomas that target the MAPK and NF-**B** pathways. *Acta Neuropathologica Communications*, **2015**, 3, 86	7.3	29
125	The role of microhomology in genomic structural variation. *Trends in Genetics*, **2014**, 30, 85-94	8.5	109
124	BORIS/CTCFL is an RNA-binding protein that associates with polysomes. *BMC Cell Biology*, **2013**, 14, 52		7
123	Whole-genome sequencing identifies genetic alterations in pediatric low-grade gliomas. *Nature Genetics*, **2013**, 45, 602-12	36.3	562
122	Comparative expression analysis reveals lineage relationships between human and murine gliomas and a dominance of glial signatures during tumor propagation in vitro. *Cancer Research*, **2013**, 73, 5834-44	10.1	20

121	Three different brain tumours evolving from a common origin. *Oncogenesis*, **2013**, 2, e41	6.6	7
120	CTCF binds to sites in the major histocompatibility complex that are rapidly reconfigured in response to interferon-gamma. *Nucleic Acids Research*, **2012**, 40, 5262-70	20.1	11
119	Widespread expression of BORIS/CTCFL in normal and cancer cells. *PLoS ONE*, **2011**, 6, e22399	3.7	17
118	RAF gene fusion breakpoints in pediatric brain tumors are characterized by significant enrichment of sequence microhomology. *Genome Research*, **2011**, 21, 505-14	9.7	49
117	Tumour angiogenesis is reduced in the Tc1 mouse model of Down© syndrome. *Nature*, **2010**, 465, 813-7	50.4	101
116	MAPK pathway activation and the origins of pediatric low-grade astrocytomas. *Journal of Cellular Physiology*, **2010**, 222, 509-14	7	73
115	RAF gene fusions are specific to pilocytic astrocytoma in a broad paediatric brain tumour cohort. *Acta Neuropathologica*, **2010**, 120, 271-3	14.3	43
114	MYB upregulation and genetic aberrations in a subset of pediatric low-grade gliomas. *Acta Neuropathologica*, **2010**, 120, 731-43	14.3	47
113	The role of nuclear organization in cancer. *Journal of Pathology*, **2010**, 220, 114-25	9.4	68
112	Molecular and phenotypic characterisation of paediatric glioma cell lines as models for preclinical drug development. *PLoS ONE*, **2009**, 4, e5209	3.7	88
111	Activation of the ERK/MAPK pathway: a signature genetic defect in posterior fossa pilocytic astrocytomas. *Journal of Pathology*, **2009**, 218, 172-81	9.4	231
110	Anchoring the genome. *Genome Biology*, **2008**, 9, 201	18.3	50
109	Reconfiguration of genomic anchors upon transcriptional activation of the human major histocompatibility complex. *Genome Research*, **2008**, 18, 1778-86	9.7	22
108	Generation of a genomic tiling array of the human major histocompatibility complex (MHC) and its application for DNA methylation analysis. *BMC Medical Genomics*, **2008**, 1, 19	3.7	23
107	A role for SC35 and hnRNPA1 in the determination of amyloid precursor protein isoforms. *Molecular Psychiatry*, **2007**, 12, 681-90	15.1	55
106	P-STAT1 mediates higher-order chromatin remodelling of the human MHC in response to IFNgamma. *Journal of Cell Science*, **2007**, 120, 3262-70	5.3	63
105	Replication timing profile reflects the distinct functional and genomic features of the MHC class II region. *Cell Cycle*, **2007**, 6, 2393-8	4.7	6
104	Genomic profiling identifies discrete deletions associated with translocations in glioblastoma multiforme. *Cell Cycle*, **2006**, 5, 783-91	4.7	57

103	Satellite DNA binding and cellular localisation of RNA helicase P68. *Journal of Cell Science*, **2005**, 118, 611-22	5.3	26
102	Promyelocytic leukemia nuclear bodies associate with transcriptionally active genomic regions. *Journal of Cell Biology*, **2004**, 164, 515-26	7.3	191
101	Recruitment of heterogeneous nuclear ribonucleoprotein A1 in vivo to the LMP/TAP region of the major histocompatibility complex. *Journal of Biological Chemistry*, **2003**, 278, 5214-26	5.4	22
100	HnRNP-A1 binds directly to double-stranded DNA in vitro within a 36 bp sequence. *Molecular and Cellular Biochemistry*, **2002**, 233, 181-5	4.2	13
99	Subchromosomal positioning of the epidermal differentiation complex (EDC) in keratinocyte and lymphoblast interphase nuclei. *Experimental Cell Research*, **2002**, 272, 163-75	4.2	170
98	Spectral karyotyping suggests additional subsets of colorectal cancers characterized by pattern of chromosome rearrangement. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 2538-43	11.5	136
97	Molecular characterization of a cDNA encoding functional human CLK4 kinase and localization to chromosome 5q35 [correction of 4q35]. *Genomics*, **2001**, 71, 368-70	4.3	7
96	PML bodies associate specifically with the MHC gene cluster in interphase nuclei. *Journal of Cell Science*, **2001**, 114, 3705-3716	5.3	95
95	Non-random chromosomal rearrangements in pancreatic cancer cell lines identified by spectral karyotyping. *International Journal of Cancer*, **2001**, 91, 350-8	7.5	38
94	Narrowing of the region of allelic loss in 21q11-21 in squamous non-small cell lung carcinoma and cloning of a novel ubiquitin-specific protease gene from the deleted segment. *Genes Chromosomes and Cancer*, **2000**, 27, 153-161	5	7
93	Plasticity in the organization and sequences of human KIR/ILT gene families. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 4778-83	11.5	524
92	Fluorescence in situ hybridization techniques for the rapid detection of genetic prognostic factors in neuroblastoma. United Kingdom Children© Cancer Study Group. *British Journal of Cancer*, **2000**, 83, 40-9	8.7	20
91	Mini review: form and function in the human interphase chromosome. *Cytogenetic and Genome Research*, **2000**, 90, 13-21	1.9	38
90	The type of somatic mutation at APC in familial adenomatous polyposis is determined by the site of the germline mutation: a new facet to Knudson© ©wo-hit©ypothesis. *Nature Medicine*, **1999**, 5, 1071-5	50.5	295
89	Analysis of NotI linking clones isolated from human chromosome 3 specific libraries. *Gene*, **1999**, 239, 259-71	3.8	30
88	Genomic analysis of the Tapasin gene, located close to the TAP loci in the MHC. *European Journal of Immunology*, **1998**, 28, 459-67	6.1	66
87	cDNA cloning and chromosomal mapping of a mouse gene with homology to NTPases. *Mammalian Genome*, **1998**, 9, 162-4	3.2	11
86	Genomic structure and domain organisation of the human Bak gene. *Gene*, **1998**, 211, 87-94	3.8	22

85	The human homologue of the ninjurin gene maps to the candidate region of hereditary sensory neuropathy type I (HSNI). *Genomics*, **1998**, 47, 58-63	4.3	12
84	The ubiquitin-homology gene PIC1: characterization of mouse (Pic1) and human (UBL1) genes and pseudogenes. *Genomics*, **1998**, 47, 92-100	4.3	20
83	The human polycomb group complex associates with pericentromeric heterochromatin to form a novel nuclear domain. *Journal of Cell Biology*, **1998**, 142, 887-98	7.3	242
82	CD164, a Novel Sialomucin on CD34+ and Erythroid Subsets, Is Located on Human Chromosome 6q21. *Blood*, **1998**, 92, 849-866	2.2	2
81	Genomic analysis of the Tapasin gene, located close to the TAP loci in the MHC **1998**, 28, 459		2
80	The human HIV-1 Rev binding-protein hRIP/Rab (HRB) maps to chromosome 2q36. *Genomics*, **1997**, 40, 198-9	4.3	4
79	Genetic relationships of the genes encoding the human proteasome beta subunits and the proteasome PA28 complex. *Genomics*, **1997**, 45, 362-7	4.3	17
78	Chromosomal localization, gene structure and transcription pattern of the ORFX gene, a homologue of the MHC-linked RING3 gene. *Gene*, **1997**, 200, 177-83	3.8	28
77	The genetic analysis of prostate carcinoma. *Seminars in Cancer Biology*, **1997**, 8, 37-44	12.7	8
76	Chromosomal mapping of the human and mouse homologues of two new members of the AP-2 family of transcription factors. *Genomics*, **1996**, 35, 262-4	4.3	78
75	The gene coding for human deoxyhypusine synthase (DHPS) maps to chromosome 19p13.11-p13.12. *Genomics*, **1996**, 35, 635-7	4.3	2
74	Chromosomal localisation of the human envoplakin gene (EVPL) to the region of the tylosis oesophageal cancer gene (TOCG) on 17q25. *Genomics*, **1996**, 37, 381-5	4.3	26
73	H-RYK, an Unusual Receptor Kinase: Isolation and Analysis of Expression in Ovarian Cancer. *Molecular Medicine*, **1996**, 2, 189-203	6.2	26
72	LIM-kinase deleted in Williams syndrome. *Nature Genetics*, **1996**, 13, 272-3	36.3	129
71	The small cell lung cancer antigen cluster-4 and the leukocyte antigen CD24 are allelic isoforms of the same gene (CD24) on chromosome band 6q21. *Cytogenetic and Genome Research*, **1995**, 70, 119-25	1.9	24
70	The eukaryotic cofactor for the human immunodeficiency virus type 1 (HIV-1) rev protein, eIF-5A, maps to chromosome 17p12-p13: three eIF-5A pseudogenes map to 10q23.3, 17q25, and 19q13.2. *Genomics*, **1995**, 25, 749-52	4.3	12
69	Molecular cloning and tissue expression of FAT, the human homologue of the Drosophila fat gene that is located on chromosome 4q34-q35 and encodes a putative adhesion molecule. *Genomics*, **1995**, 30, 207-23	4.3	132
68	Is prostate cancer worth diagnosing?. *Lancet, The*, **1995**, 346, 1177-8	40	7

67	Fusion of the EWS gene to a DNA segment from 9q22-31 in a human myxoid chondrosarcoma. *Genes Chromosomes and Cancer*, **1995**, 12, 307-10	5	39
66	Characterization of a t(10;11)(p13-14;q14-21) in the monoblastic cell line U937. *Genes Chromosomes and Cancer*, **1995**, 13, 138-42	5	8
65	The Ewing family of tumors--a subgroup of small-round-cell tumors defined by specific chimeric transcripts. *New England Journal of Medicine*, **1994**, 331, 294-9	59.2	894
64	Olfactory receptor gene cluster on human chromosome 17: possible duplication of an ancestral receptor repertoire. *Human Molecular Genetics*, **1994**, 3, 229-35	5.6	188
63	Two simple procedures for releasing chromatin from routinely fixed cells for fluorescence in situ hybridization. *Cytogenetic and Genome Research*, **1994**, 65, 203-5	1.9	105
62	Released chromatin: linearized DNA for high resolution fluorescence in situ hybridization. *Human Molecular Genetics*, **1994**, 3, 1275-80	5.6	47
61	Molecular analysis of simple variant translocations in acute promyelocytic leukemia. *Genes Chromosomes and Cancer*, **1994**, 9, 234-43	5	27
60	Rapid detection of prognostic genetic factors in neuroblastoma using fluorescence in situ hybridisation on tumour imprints and bone marrow smears. United Kingdom Children© Cancer Study Group. *British Journal of Cancer*, **1994**, 69, 445-51	8.7	43
59	Proteasome components with reciprocal expression to that of the MHC-encoded LMP proteins. *Current Biology*, **1994**, 4, 769-76	6.3	141
58	Cloning of the region between HLA-DMB and LMP2 in the human major histocompatibility complex. *Human Immunology*, **1994**, 40, 1-7	2.3	7
57	The human gene for xeroderma pigmentosum complementation group G (XPG) maps to 13q33 by fluorescence in situ hybridization. *Genomics*, **1994**, 21, 283-5	4.3	12
56	Mapping of the genes encoding human inducible and endothelial nitric oxide synthase (NOS2 and NOS3) to the pericentric region of chromosome 17 and to chromosome 7, respectively. *Genomics*, **1994**, 21, 419-22	4.3	50
55	Mapping of the human SAP1 (SRF accessory protein 1) gene and SAP2, a gene encoding a related protein, to chromosomal bands 1q32 and 12q23, respectively. *Genomics*, **1994**, 23, 710-1	4.3	9
54	A long-range restriction map of human chromosome 5q21-q23. *Genomics*, **1993**, 17, 15-24	4.3	5
53	Regional localization of the gene coding for human brain nitric oxide synthase (NOS1) to 12q24.2-->24.31 by fluorescent in situ hybridization. *Cytogenetic and Genome Research*, **1993**, 64, 62-3	1.9	53
52	The organization and conservation of the human Surfeit gene cluster and its localization telomeric to the c-abl and can proto-oncogenes at chromosome band 9q34.1. *Human Molecular Genetics*, **1993**, 2, 237-40	5.6	19
51	Diagnosis of Ewing© sarcoma and peripheral neuroectodermal tumour based on the detection of t(11;22) using fluorescence in situ hybridisation. *British Journal of Cancer*, **1993**, 67, 128-33	8.7	72
50	Fine mapping of the human MHC class II region within chromosome band 6p21 and evaluation of probe ordering using interphase fluorescence in situ hybridization. *Cytogenetic and Genome Research*, **1993**, 64, 49-53	1.9	49

49	"Junction trapping". A simple PCR-based method for the isolation of YAC-insert termini. *Genetic Analysis, Techniques and Applications*, **1993**, 10, 42-8		3
48	New vector for transfer of yeast artificial chromosomes to mammalian cells. *Somatic Cell and Molecular Genetics*, **1993**, 19, 161-9		22
47	Isolation of cDNA clones encoding the beta isozyme of human DNA topoisomerase II and localisation of the gene to chromosome 3p24. *Nucleic Acids Research*, **1992**, 20, 5587-92	20.1	227
46	Cloning and chromosome mapping of the human interleukin-1 receptor antagonist gene. *Cytokine*, **1992**, 4, 83-9	4	54
45	A testis-expressed Zn finger gene (ZNF76) in human 6p21.3 centromeric to the MHC is closely linked to the human homolog of the t-complex gene tcp-11. *Genomics*, **1992**, 14, 673-9	4.3	47
44	A somatic cell hybrid panel for regional mapping of human chromosome 18. *Genomics*, **1992**, 14, 431-6	4.3	15
43	Identification of region-specific yeast artificial chromosomes using pools of Alu element-mediated polymerase chain reaction probes labeled via linear amplification. *Genomics*, **1992**, 14, 931-8	4.3	10
42	The telomeric 60 kb of chromosome arm 4p is homologous to telomeric regions on 13p, 15p, 21p, and 22p. *Genomics*, **1992**, 14, 350-6	4.3	29
41	Fine mapping of probes in the adenomatous polyposis coli region of chromosome 5 by in situ hybridization. *Genes Chromosomes and Cancer*, **1991**, 3, 382-9	5	15
40	A novel and rapid method for isolating sequences adjacent to rare cutting sites and their use in physical mapping. *Nucleic Acids Research*, **1991**, 19, 4371-5	20.1	10
39	Molecular cloning and analysis of the fragile X region in man. *Nucleic Acids Research*, **1991**, 19, 2567-72	20.1	47
38	Isolation of probes specific to human chromosomal region 6p21 from immunoselected irradiation-fusion gene transfer hybrids. *Genomics*, **1991**, 10, 598-607	4.3	17
37	Cytogenetic analysis of primitive neuroectodermal tumors. Absence of the t(11;22) in two of three cases and a review of the literature. *Cancer Genetics and Cytogenetics*, **1991**, 51, 13-22		22
36	Molecular cloning of human lysyl oxidase and assignment of the gene to chromosome 5q23.3-31.2. *Genomics*, **1991**, 11, 508-16	4.3	112
35	Type 5 acid phosphatase. Sequence, expression and chromosomal localization of a differentiation-associated protein of the human macrophage. *FEBS Journal*, **1990**, 189, 287-93		76
34	Molecular analysis of acute promyelocytic leukemia breakpoint cluster region on chromosome 17. *Science*, **1990**, 249, 1577-80	33.3	533
33	Localization of the gene encoding a type I protein phosphatase catalytic subunit to human chromosome band 11q13. *Genomics*, **1990**, 7, 159-66	4.3	67
32	Localisation of the gene encoding the catalytic gamma subunit of phosphorylase kinase to human chromosome bands 7p12-q21. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1990**, 1048, 24-9		24

31	Cytogenetic analysis of a cell line established from a Krukenberg tumor. *Cancer Genetics and Cytogenetics*, **1990**, 46, 71-4		1
30	Deletion of part of the short arm of chromosome 17 in a congenital fibrosarcoma. *Cancer Genetics and Cytogenetics*, **1990**, 48, 193-8		25
29	The gene coding for the p68 calcium-binding protein is localised to bands q32-q34 of human chromosome 5, and to mouse chromosome 11. *Human Genetics*, **1989**, 82, 234-8	6.3	26
28	Characterisation of human thyroid epithelial cells immortalised in vitro by simian virus 40 DNA transfection. *British Journal of Cancer*, **1989**, 60, 897-903	8.7	133
27	Assignment of the gene encoding the beta-subunit of the human fibronectin receptor (beta-FNR) to chromosome 10p11.2. *Annals of Human Genetics*, **1989**, 53, 15-22	2.2	52
26	Deletion of c-ets1 and T3 gamma loci from the 11q- chromosome in the human monoblastic cell line U937. *Leukemia Research*, **1989**, 13, 445-50	2.7	5
25	CpG island clones from a deletion encompassing the gene for adenomatous polyposis coli. *Proceedings of the National Academy of Sciences of the United States of America*, **1989**, 86, 10118-22	11.5	31
24	The human LFA-3 gene is located at the same chromosome band as the gene for its receptor CD2. *Immunogenetics*, **1988**, 28, 278-82	3.2	38
23	Biochemical and genetic analysis of the OKa blood group antigen. *Immunogenetics*, **1988**, 27, 322-9	3.2	46
22	Karyotypic analysis of the human monoblastic cell line U937. *Cancer Genetics and Cytogenetics*, **1988**, 30, 277-84		15
21	Characterization of a continuous cell line in culture established from a Krukenberg tumour of the ovary arising from a primary gastric adenocarcinoma. *European Journal of Cancer & Clinical Oncology*, **1988**, 24, 1397-408		7
20	Construction of a genetic map of human chromosome 17 by use of chromosome-mediated gene transfer. *Proceedings of the National Academy of Sciences of the United States of America*, **1988**, 85, 8563-7	11.5	28
19	Cytogenetic analysis of four human ovarian carcinoma cell lines. *Cancer Genetics and Cytogenetics*, **1987**, 26, 339-49		44
18	The human placental alkaline phosphatase gene and related sequences map to chromosome 2 band q37. *Annals of Human Genetics*, **1987**, 51, 145-52	2.2	72
17	The hypervariable gene locus PUM, which codes for the tumour associated epithelial mucins, is located on chromosome 1, within the region 1q21-24. *Annals of Human Genetics*, **1987**, 51, 289-94	2.2	103
16	Localization of the gene for familial adenomatous polyposis on chromosome 5. *Nature*, **1987**, 328, 614-6	50.4	1214
15	Chromosomal locations of the gene coding for the CD3 (T3) gamma subunit of the human and mouse CD3/T-cell antigen receptor complexes. *Immunogenetics*, **1987**, 26, 258-66	3.2	28
14	The gene coding for the human T-lymphocyte CD2 antigen is located on chromosome 1p. *Human Genetics*, **1987**, 76, 191-5	6.3	24

13	Establishment and characterisation of three new human ovarian carcinoma cell lines and initial evaluation of their potential in experimental chemotherapy studies. *International Journal of Cancer*, **1987**, 39, 219-25	7.5	55
12	Characterization and chromosomal assignment of a human cell surface antigen defined by the monoclonal antibody AUAI. *International Journal of Cancer*, **1986**, 38, 631-6	7.5	79
11	Genetic aspects of carcinogenesis **1986**, S39-S41		
10	Genetic aspects of carcinogenesis. *British Journal of Surgery*, **1985**, 72 Suppl, S39-41	5.3	2
9	Transformation associated p53 protein is encoded by a gene on human chromosome 17. *Somatic Cell and Molecular Genetics*, **1985**, 11, 505-10		51
8	Monosomy 7 and multipotential stem cell transformation. *British Journal of Haematology*, **1985**, 61, 531-9	4.5	35
7	Localization of the oncogene c-erbA1 immediately proximal to the acute promyelocytic leukaemia breakpoint on chromosome 17. *Annals of Human Genetics*, **1985**, 49, 167-71	2.2	35
6	The isolation and characterization of colorectal epithelial cell lines at different stages in malignant transformation from familial polyposis coli patients. *International Journal of Cancer*, **1984**, 34, 49-56	7.5	126
5	Genetic analysis of the 15;17 chromosome translocation associated with acute promyelocytic leukemia. *Proceedings of the National Academy of Sciences of the United States of America*, **1983**, 80, 5007-11	11.5	43
4	Genetic evidence that a Y-linked gene in man is homologous to a gene on the X chromosome. *Nature*, **1983**, 302, 346-9	50.4	180
3	A monoclonal antibody recognizing a cell surface antigen coded for by a gene on human chromosome 17. *Annals of Human Genetics*, **1982**, 46, 337-47	2.2	65
2	Carcinoembryonic antigen (CEA) expression in somatic cell hybrids. *Somatic Cell Genetics*, **1982**, 8, 1-13		11
1	Enzymatic degradation of RNA causes widespread protein aggregation in cell and tissue lysates		1