Denise Sheer

List of Publications by Year
in descending order

139 papers	11,406 citations	34105 52 h-index	28297 105 g-index
144 all docs	144 docs citations	144 times ranked	11093 citing authors

#	Article	IF	Citations
1	Localization of the gene for familial adenomatous polyposis on chromosome 5. Nature, 1987, 328, 614-616.	27.8	1,362
2	The Ewing Family of Tumors -- A Subgroup of Small-Round-Cell Tumors Defined by Specific Chimeric Transcripts. New England Journal of Medicine, 1994, 331, 294-299.	27.0	1,010
3	Whole-genome sequencing identifies genetic alterations in pediatric low-grade gliomas. Nature Genetics, 2013, 45, 602-612.	21.4	704
4	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, 4778-4783.	7.1	608
5	Molecular Analysis of Acute Promyelocytic Leukemia Breakpoint Cluster Region on Chromosome 17. Science, 1990, 249, 1577-1580.	12.6	604
6	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's 'two-hit' hypothesis. Nature Medicine, 1999, 5, 1071-1075.	30.7	339
7	The Human Polycomb Group Complex Associates with Pericentromeric Heterochromatin to Form a Novel Nuclear Domain. Journal of Cell Biology, 1998, 142, 887-898.	5.2	270
8	Activation of the ERK/MAPK pathway: a signature genetic defect in posterior fossa pilocytic astrocytomas. Journal of Pathology, 2009, 218, 172-181.	4.5	270
9	Isolation of cDNA clones encoding the Î² isozyme of human DNA topoisomerase II and localisation of the gene to chromosome 3p24. Nucleic Acids Research, 1992, 20, 5587-5592.	14.5	243
10	Promyelocytic leukemia nuclear bodies associate with transcriptionally active genomic regions. Journal of Cell Biology, 2004, 164, 515-526.	5.2	206
11	Olfactory receptor gene cluster on human chromosome 17: possible duplication of an ancestral receptor repertoire. Human Molecular Genetics, 1994, 3, 229-235.	2.9	201
12	Genetic evidence that a Y-linked gene in man is homologous to a gene on the X chromosome. Nature, 1983, 302, 346-349.	27.8	192
13	Subchromosomal Positioning of the Epidermal Differentiation Complex (EDC) in Keratinocyte and Lymphoblast Interphase Nuclei. Experimental Cell Research, 2002, 272, 163-175.	2.6	188
14	Proteasome components with reciprocal expression to that of the MHC-encoded LMP proteins. Current Biology, 1994, 4, 769-776.	3.9	155
15	Molecular Cloning and Tissue Expression ofFAT,the Human Homologue of theDrosophila fatGene That Is Located on Chromosome 4q34â€“q35 and Encodes a Putative Adhesion Molecule. Genomics, 1995, 30, 207-223.	2.9	154
16	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, 2538-2543.	7.1	152
17	Characterisation of human thyroid epithelial cells immortalised in vitro by simian virus 40 DNA transfection. British Journal of Cancer, 1989, 60, 897-903.	6.4	148
18	The role of microhomology in genomic structural variation. Trends in Genetics, 2014, 30, 85-94.	6.7	148

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19	LIMâ€“kinase deleted in Williams syndrome. Nature Genetics, 1996, 13, 272-273.	21.4	136
20	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.	5.1	134
21	Two simple procedures for releasing chromatin from routinely fixed cells for fluorescence in situ hybridization. Cytogenetic and Genome Research, 1994, 65, 203-205.	1.1	131
22	Molecular cloning of human lysyl oxidase and assignment of the gene to chromosome 5q23.3â€“31.2. Genomics, 1991, 11, 508-516.	2.9	127
23	Tumour angiogenesis is reduced in the Tc1 mouse model of Downâ€™s syndrome. Nature, 2010, 465, 813-817.	27.8	122
24	PML bodies associate specifically with the MHC gene cluster in interphase nuclei. Journal of Cell Science, 2001, 114, 3705-3716.	2.0	109
25	The hypervariable gene locus PUM, which codes for the tumour associated epithelial mucins, is located on chromosome 1, within the region 1g21?24. Annals of Human Genetics, 1987, 51, 289-294.	0.8	107
26	Molecular and Phenotypic Characterisation of Paediatric Glioma Cell Lines as Models for Preclinical Drug Development. PLoS ONE, 2009, 4, e5209.	2.5	102
27	Type 5 acid phosphatase. Sequence, expression and chromosomal localization of a differentiation-associated protein of the human macrophage. FEBS Journal, 1990, 189, 287-293.	0.2	88
28	MAPK pathway activation and the origins of pediatric lowâ€grade astrocytomas. Journal of Cellular Physiology, 2010, 222, 509-514.	4.1	87
29	Characterization and chromosomal assignment of a human cell surface antigen defined by the monoclonal antibody AUAI. International Journal of Cancer, 1986, 38, 631-636.	5.1	86
30	Chromosomal Mapping of the Human and Mouse Homologues of Two New Members of the AP-2 Family of Transcription Factors. Genomics, 1996, 35, 262-264.	2.9	84
31	Diagnosis of Ewing's sarcoma and peripheral neuroectodermal tumour based on the detection of t(11;22) using fluorescence in situ hybridisation. British Journal of Cancer, 1993, 67, 128-133.	6.4	77
32	The role of nuclear organization in cancer. Journal of Pathology, 2010, 220, 114-125.	4.5	77
33	Microglia promote glioblastoma via mTORâ€mediated immunosuppression of the tumour microenvironment. EMBO Journal, 2020, 39, e103790.	7.8	77
34	The human placental alkaline phosphatase gene and related sequences map to chromosome 2 band q37. Annals of Human Genetics, 1987, 51, 145-152.	0.8	75
35	A role for SC35 and hnRNPA1 in the determination of amyloid precursor protein isoforms. Molecular Psychiatry, 2007, 12, 681-690.	7.9	75
36	P-STAT1 mediates higher-order chromatin remodelling of the human MHC in response to IFNÎ³. Journal of Cell Science, 2007, 120, 3262-3270.	2.0	74

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37	Localization of the gene encoding a type I protein phosphatase catalytic subunit to human chromosome band 11q13. Genomics, 1990, 7, 159-166.	2.9	72
38	Genomic analysis of theTapasin gene, located close to theTAP loci in the MHC. European Journal of Immunology, 1998, 28, 459-467.	2.9	71
39	A monoclonal antibody recognizing a cell surface antigen coded for by a gene on human chromosome 17. Annals of Human Genetics, 1982, 46, 337-347.	0.8	67
40	Transformation associated p53 protein is encoded by a gene on human chromosome 17. Somatic Cell and Molecular Genetics, 1985, 11, 505-510.	0.7	61
41	Genomic Profiling Identifies Discrete Deletions Associated with Translocations in Glioblastoma Multiforme. Cell Cycle, 2006, 5, 783-791.	2.6	61
42	MYB upregulation and genetic aberrations in a subset of pediatric low-grade gliomas. Acta Neuropathologica, 2010, 120, 731-743.	7.7	61
43	RAFgene fusion breakpoints in pediatric brain tumors are characterized by significant enrichment of sequence microhomology. Genome Research, 2011, 21, 505-514.	5.5	61
44	Assignment of the gene encoding the betaâ€subunit of the human fibronectin receptor (Î²â€FNR) to chromosome 10p11.2. Annals of Human Genetics, 1989, 53, 15-22.	0.8	57
45	Cloning and chromosome mapping of the human interleukin-1 receptor antagonist gene. Cytokine, 1992, 4, 83-89.	3.2	57
46	Released chromatin: linearized DNA for high resolution fluorescence in situ hybridization. Human Molecular Genetics, 1994, 3, 1275-1280.	2.9	57
47	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, 219-225.	5.1	56
48	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, 62-63.	1.1	56
49	Mapping of the Genes Encoding Human Inducible and Endothelial Nitric Oxide Synthase (NOS2 and) Tj ETQq1 1 0.784314 rgBT /Over 21, 419-422.	2.9	55
50	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, 673-679.	2.9	54
51	Anchoring the genome. Genome Biology, 2008, 9, 201.	9.6	53
52	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.	1.1	52
53	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, 5007-5011.	7.1	50
54	Biochemical and genetic analysis of the Oka blood group antigen. Immunogenetics, 1988, 27, 322-329.	2.4	50

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55	Molecular cloning and analysis of the fragile X region in man. Nucleic Acids Research, 1991, 19, 2567-2572.	14.5	50
56	RAF gene fusions are specific to pilocytic astrocytoma in a broad paediatric brain tumour cohort. Acta Neuropathologica, 2010, 120, 271-273.	7.7	49
57	Cytogenetic analysis of four human ovarian carcinoma cell lines. Cancer Genetics and Cytogenetics, 1987, 26, 339-349.	1.0	46
58	Mini review: Form and function in the human interphase chromosome. Cytogenetic and Genome Research, 2000, 90, 13-21.	1.1	46
59	Rapid detection of prognostic genetic factors in neuroblastoma using fluorescence in situ hybridisation on tumour imprints and bone marrow smears. British Journal of Cancer, 1994, 69, 445-451.	6.4	45
60	Nonâ€random chromosomal rearrangements in pancreatic cancer cell lines identified by spectral karyotyping. International Journal of Cancer, 2001, 91, 350-358.	5.1	44
61	Fusion of theEWS Gene to a DNA segment from 9q22-31 in a human myxoid chondrosarcoma. Genes Chromosomes and Cancer, 1995, 12, 307-310.	2.8	42
62	The human LFA-3 gene is located at the same chromosome band as the gene for its receptor CD2. Immunogenetics, 1988, 28, 278-282.	2.4	41
63	Molecular analysis of pediatric brain tumors identifies microRNAs in pilocytic astrocytomas that target the MAPK and NF-Î³B pathways. Acta Neuropathologica Communications, 2015, 3, 86.	5.2	40
64	Monosomy 7 and multipotential stem cell transformation. British Journal of Haematology, 1985, 61, 531-539.	2.5	39
65	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, 10118-10122.	7.1	39
66	Localization of the oncogene c-erbA1 immediately proximal to the acute promyelocytic leukaemia breakpoint on chromosome 17. Annals of Human Genetics, 1985, 49, 167-171.	0.8	37
67	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, 8563-8567.	7.1	35
68	The telomeric 60 kb of chromosome arm 4p is homologous to telomeric regions on 13p, 15p, 21p, and 22p. Genomics, 1992, 14, 350-356.	2.9	35
69	Chromosomal localization, gene structure and transcription pattern of the ORFX gene, a homologue of the MHC-linked RING3 gene. Gene, 1997, 200, 177-183.	2.2	33
70	Chromosomal locations of the gene coding for the CD3 (T3) ? subunit of the human and mouse CD3/T-cell antigen receptor complexes. Immunogenetics, 1987, 26, 258-266.	2.4	32
71	Analysis of NotI linking clones isolated from human chromosome 3 specific libraries. Gene, 1999, 239, 259-271.	2.2	31
72	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, 119-125.	1.1	30

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73	H-RYK, an Unusual Receptor Kinase: Isolation and Analysis of Expression in Ovarian Cancer. Molecular Medicine, 1996, 2, 189-203.	4.4	30
74	Chromosomal Localisation of the Human Envoplakin Gene (EVPL) to the Region of the Tylosis Oesophageal Cancer Gene (TOCG) on 17q25. Genomics, 1996, 37, 381-385.	2.9	29
75	Molecular analysis of simple variant translocations in acute promyelocytic leukemia. Genes Chromosomes and Cancer, 1994, 9, 234-243.	2.8	28
76	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, 5834-5844.	0.9	28
77	The gene coding for the human T-lymphocyte CD2 antigen is located on chromosome 1p. Human Genetics, 1987, 76, 191-195.	3.8	27
78	New vector for transfer of yeast artificial chromosomes to mammalian cells. Somatic Cell and Molecular Genetics, 1993, 19, 161-169.	0.7	27
79	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, 234-238.	3.8	26
80	Localisation of the gene encoding the catalytic Î³ subunit of phosphorylase kinase to human chromosome bands 7p12-q21. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1990, 1048, 24-29.	2.4	26
81	Genomic structure and domain organisation of the human Bak gene. Gene, 1998, 211, 87-94.	2.2	26
82	Satellite DNA binding and cellular localisation of RNA helicase P68. Journal of Cell Science, 2005, 118, 611-622.	2.0	26
83	Reconfiguration of genomic anchors upon transcriptional activation of the human major histocompatibility complex. Genome Research, 2008, 18, 1778-1786.	5.5	26
84	Enzymatic degradation of <scp>RNA</scp> causes widespread protein aggregation in cell and tissue lysates. EMBO Reports, 2020, 21, e49585.	4.5	26
85	Deletion of part of the short arm of chromosome 17 in a congenital fibrosarcoma. Cancer Genetics and Cytogenetics, 1990, 48, 193-198.	1.0	25
86	Recruitment of Heterogeneous Nuclear Ribonucleoprotein A1in Vivo to the LMP/TAP Region of the Major Histocompatibility Complex. Journal of Biological Chemistry, 2003, 278, 5214-5226.	3.4	25
87	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.	1.5	24
88	Cytogenetic analysis of primitive neuroectodermal tumors. Cancer Genetics and Cytogenetics, 1991, 51, 13-22.	1.0	23
89	The Ubiquitin-Homology GenePIC1:Characterization of Mouse (Pic1) and Human (UBL1) Genes and Pseudogenes. Genomics, 1998, 47, 92-100.	2.9	22
90	Fluorescence in situ hybridization techniques for the rapid detection of genetic prognostic factors in neuroblastoma. British Journal of Cancer, 2000, 83, 40-49.	6.4	22

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91	Widespread Expression of BORIS/CTCFL in Normal and Cancer Cells. PLoS ONE, 2011, 6, e22399.	2.5	22
92	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, 237-240.	2.9	21
93	Isolation of probes specific to human chromosomal region 6p21 from immunoselected irradiation-fusion gene transfer hybrids. Genomics, 1991, 10, 598-607.	2.9	19
94	Karyotypic analysis of the human monoblastic cell line U937. Cancer Genetics and Cytogenetics, 1988, 30, 277-284.	1.0	18
95	Fine Mapping of Probes in the Adenomatous Polyposis Coli Region of Chromosome 5 by In Situ Hybridization. Genes Chromosomes and Cancer, 1991, 3, 382-389.	2.8	17
96	A somatic cell hybrid panel for regional mapping of human chromosome 18. Genomics, 1992, 14, 431-436.	2.9	17
97	The eukaryotic cofactor for the human immunodeficiency virus type 1 (HIV-1) rev protein, eIF-5A, maps to chromosome 17p12â€“p13: three eIF-5A pseudogenes map to 10q23.3, 17q25, and 19q13.2. Genomics, 1995, 25, 749-752.	2.9	17
98	Genetic Relationships of the Genes Encoding the Human Proteasome Î² Subunits and the Proteasome PA28 Complex. Genomics, 1997, 45, 362-367.	2.9	17
99	DNA methylation analysis of paediatric low-grade astrocytomas identifies a tumour-specific hypomethylation signature in pilocytic astrocytomas. Acta Neuropathologica Communications, 2016, 4, 54.	5.2	17
100	The Human Gene for Xeroderma Pigmentosum Complementation Group G (XPG) Maps to 13q33 by Fluorescence in Situ Hybridization. Genomics, 1994, 21, 283-285.	2.9	16
101	Catalog of chromosome aberrations in cancer (5th edn). Trends in Genetics, 1995, 11, 421-422.	6.7	16
102	The Human Homologue of theninjurinGene Maps to the Candidate Region of Hereditary Sensory Neuropathy Type I (HSNI). Genomics, 1998, 47, 58-63.	2.9	16
103	HnRNP-A1 binds directly to double-stranded DNA in vitro within a 36 bp sequence. Molecular and Cellular Biochemistry, 2002, 233, 181-185.	3.1	14
104	CTCF binds to sites in the major histocompatibility complex that are rapidly reconfigured in response to interferon-gamma. Nucleic Acids Research, 2012, 40, 5262-5270.	14.5	14
105	Comparative epigenetic analysis of tumour initiating cells and syngeneic EPSC-derived neural stem cells in glioblastoma. Nature Communications, 2021, 12, 6130.	12.8	14
106	cDNA cloning and chromosomal mapping of a mouse gene with homology to NTPases. Mammalian Genome, 1998, 9, 162-164.	2.2	13
107	The proteome of neurofilament-containing protein aggregates in blood. Biochemistry and Biophysics Reports, 2018, 14, 168-177.	1.3	13
108	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, 710-711.	2.9	12

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109	Carcinoembryonic antigen (CEA) expression in somatic cell hybrids. Somatic Cell Genetics, 1982, 8, 1-13.	2.7	11
110	A novel and rapid method for isolating sequences adjacent to rare cutting sites and their use in physical mapping. Nucleic Acids Research, 1991, 19, 4371-4375.	14.5	11
111	Identification of region-specific yeast artificial chromosomes using pools of Alu element-mediated polymerase chain reaction probes labeled via linear amplification. Genomics, 1992, 14, 931-938.	2.9	11
112	Molecular Characterization of a cDNA Encoding Functional Human CLK4 Kinase and Localization to Chromosome 4q35. Genomics, 2001, 71, 368-370.	2.9	9
113	BORIS/CTCFL is an RNA-binding protein that associates with polysomes. BMC Cell Biology, 2013, 14, 52.	3.0	9
114	Three different brain tumours evolving from a common origin. Oncogenesis, 2013, 2, e41-e41.	4.9	9
115	DNA replication-dependent induction of gene proximity by androgen. Human Molecular Genetics, 2015, 24, 963-971.	2.9	9
116	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, 1397-1408.	0.7	8
117	Characterization of a t(10; 11) (p13-14; q14-21) in the monoblastic cell line U937. Genes Chromosomes and Cancer, 1995, 13, 138-142.	2.8	8
118	The genetic analysis of prostate carcinoma. Seminars in Cancer Biology, 1997, 8, 37-44.	9.6	8
119	Cloning of the region between HLA-DMB and LMP2 in the human major histocompatibility complex. Human Immunology, 1994, 40, 1-7.	2.4	7
120	Is prostate cancer worth diagnosing?. Lancet, The, 1995, 346, 1177-1178.	13.7	7
121	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.	2.8	7
122	Replication Timing Profile Reflects the Distinct Functional and Genomic Features of the MHC Class II Region. Cell Cycle, 2007, 6, 2393-2398.	2.6	6
123	Genome-wide methylation analysis identifies genes silenced in non-seminoma cell lines. Npj Genomic Medicine, 2016, 1, 15009.	3.8	6
124	c-MYC overexpression induces choroid plexus papillomas through a T-cell mediated inflammatory mechanism. Acta Neuropathologica Communications, 2019, 7, 95.	5.2	6
125	Deletion of c-ets1 and T3Î³ loci from the 11q- chromosome in the human monoblastic cell line U937. Leukemia Research, 1989, 13, 445-450.	0.8	5
126	A Long-Range Restriction Map of Human Chromosome 5q21-q23. Genomics, 1993, 17, 15-24.	2.9	5

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127	The Human HIV-1 Rev Binding-Protein hRIP/Rab (HRB) Maps to Chromosome 2q36. Genomics, 1997, 40, 198-199.	2.9	4
128	“Junction trapping” a simple PCR-based method for the isolation of YAC-insert termini. Genetic Analysis, Techniques and Applications, 1993, 10, 42-48.	1.5	3
129	The Gene Coding for Human Deoxyhypusine Synthase (DHPS) Maps to Chromosome 19p13.11â€“p13.12. Genomics, 1996, 35, 635-636.	2.9	2
130	Genetic aspects of carcinogenesis. British Journal of Surgery, 2005, 72, s39-s41.	0.3	2
131	Genomic analysis of the Tapasin gene, located close to the TAP loci in the MHC. European Journal of Immunology, 1998, 28, 459-467.	2.9	2
132	CD164, a Novel Sialomucin on CD34+ and Erythroid Subsets, Is Located on Human Chromosome 6q21. Blood, 1998, 92, 849-866.	1.4	2
133	Cytogenetic analysis of a cell line established from a Krukenberg tumor. Cancer Genetics and Cytogenetics, 1990, 46, 71-74.	1.0	1
134	Introduction: Genetic rearrangements in cancer. Seminars in Cancer Biology, 1996, 7, 1.	9.6	0
135	PO77EXPRESSION OF THE ONCOGENIC SPLICE VARIANT OF CYCLIN D1, CCND1B, IN PAEDIATRIC LOW GRADE GLIOMAS. Neuro-Oncology, 2015, 17, viii14.2-viii14.	1.2	0
136	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.	1.2	0
137	Genetic aspects of carcinogenesis. , 1986, , S39-S41.		0
138	LGG-57. SIGNALLING MECHANISMS IN PAEDIATRIC LOW-GRADE GLIOMA. Neuro-Oncology, 2020, 22, iii377-iii377.	1.2	0
139	LGG-44. Multi-omic analysis reveals integrated signalling networks in paediatric low-grade glioma. Neuro-Oncology, 2022, 24, i98-i98.	1.2	0