Denise Sheer

List of Publications by Year
in descending order

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Version: 2024-02-01

139 papers	11,406 citations	34016 52 h-index	28224 105 g-index
144 all docs	144 docs citations	144 times ranked	11093 citing authors

#	Article	IF	Citations
1	LGG-44. Multi-omic analysis reveals integrated signalling networks in paediatric low-grade glioma. Neuro-Oncology, 2022, 24, i98-i98.	0.6	0
2	Comparative epigenetic analysis of tumour initiating cells and syngeneic EPSC-derived neural stem cells in glioblastoma. Nature Communications, 2021, 12, 6130.	5.8	14
3	Microglia promote glioblastoma via mTORâ€mediated immunosuppression of the tumour microenvironment. EMBO Journal, 2020, 39, e103790.	3.5	77
4	Enzymatic degradation of <scp>RNA</scp> causes widespread protein aggregation in cell and tissue lysates. EMBO Reports, 2020, 21, e49585.	2.0	26
5	LGG-57. SIGNALLING MECHANISMS IN PAEDIATRIC LOW-GRADE GLIOMA. Neuro-Oncology, 2020, 22, iii377-iii377.	0.6	0
6	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.	0.6	0
7	c-MYC overexpression induces choroid plexus papillomas through a T-cell mediated inflammatory mechanism. Acta Neuropathologica Communications, 2019, 7, 95.	2.4	6
8	The proteome of neurofilament-containing protein aggregates in blood. Biochemistry and Biophysics Reports, 2018, 14, 168-177.	0.7	13
9	DNA methylation analysis of paediatric low-grade astrocytomas identifies a tumour-specific hypomethylation signature in pilocytic astrocytomas. Acta Neuropathologica Communications, 2016, 4, 54.	2.4	17
10	Genome-wide methylation analysis identifies genes silenced in non-seminoma cell lines. Npj Genomic Medicine, 2016, 1, 15009.	1.7	6
11	PO77EXPRESSION OF THE ONCOGENIC SPLICE VARIANT OF CYCLIN D1, CCND1B, IN PAEDIATRIC LOW GRADE GLIOMAS. Neuro-Oncology, 2015, 17, viii14.2-viii14.	0.6	0
12	Molecular analysis of pediatric brain tumors identifies microRNAs in pilocytic astrocytomas that target the MAPK and NF-ÎºB pathways. Acta Neuropathologica Communications, 2015, 3, 86.	2.4	40
13	DNA replication-dependent induction of gene proximity by androgen. Human Molecular Genetics, 2015, 24, 963-971.	1.4	9
14	The role of microhomology in genomic structural variation. Trends in Genetics, 2014, 30, 85-94.	2.9	148
15	BORIS/CTCFL is an RNA-binding protein that associates with polysomes. BMC Cell Biology, 2013, 14, 52.	3.0	9
16	Whole-genome sequencing identifies genetic alterations in pediatric low-grade gliomas. Nature Genetics, 2013, 45, 602-612.	9.4	704
17	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.	0.4	28
18	Three different brain tumours evolving from a common origin. Oncogenesis, 2013, 2, e41-e41.	2.1	9

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19	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.	6.5	14
20	Widespread Expression of BORIS/CTCFL in Normal and Cancer Cells. PLoS ONE, 2011, 6, e22399.	1.1	22
21	RAFgene fusion breakpoints in pediatric brain tumors are characterized by significant enrichment of sequence microhomology. Genome Research, 2011, 21, 505-514.	2.4	61
22	MAPK pathway activation and the origins of pediatric lowâ€grade astrocytomas. Journal of Cellular Physiology, 2010, 222, 509-514.	2.0	87
23	RAF gene fusions are specific to pilocytic astrocytoma in a broad paediatric brain tumour cohort. Acta Neuropathologica, 2010, 120, 271-273.	3.9	49
24	MYB upregulation and genetic aberrations in a subset of pediatric low-grade gliomas. Acta Neuropathologica, 2010, 120, 731-743.	3.9	61
25	The role of nuclear organization in cancer. Journal of Pathology, 2010, 220, 114-125.	2.1	77
26	Tumour angiogenesis is reduced in the Tc1 mouse model of Downâ€™s syndrome. Nature, 2010, 465, 813-817.	13.7	122
27	Molecular and Phenotypic Characterisation of Paediatric Glioma Cell Lines as Models for Preclinical Drug Development. PLoS ONE, 2009, 4, e5209.	1.1	102
28	Activation of the ERK/MAPK pathway: a signature genetic defect in posterior fossa pilocytic astrocytomas. Journal of Pathology, 2009, 218, 172-181.	2.1	270
29	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.	0.7	24
30	Anchoring the genome. Genome Biology, 2008, 9, 201.	13.9	53
31	Reconfiguration of genomic anchors upon transcriptional activation of the human major histocompatibility complex. Genome Research, 2008, 18, 1778-1786.	2.4	26
32	P-STAT1 mediates higher-order chromatin remodelling of the human MHC in response to IFNÎ³. Journal of Cell Science, 2007, 120, 3262-3270.	1.2	74
33	Replication Timing Profile Reflects the Distinct Functional and Genomic Features of the MHC Class II Region. Cell Cycle, 2007, 6, 2393-2398.	1.3	6
34	A role for SC35 and hnRNPA1 in the determination of amyloid precursor protein isoforms. Molecular Psychiatry, 2007, 12, 681-690.	4.1	75
35	Genomic Profiling Identifies Discrete Deletions Associated with Translocations in Glioblastoma Multiforme. Cell Cycle, 2006, 5, 783-791.	1.3	61
36	Genetic aspects of carcinogenesis. British Journal of Surgery, 2005, 72, s39-s41.	0.1	2

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37	Satellite DNA binding and cellular localisation of RNA helicase P68. Journal of Cell Science, 2005, 118, 611-622.	1.2	26
38	Promyelocytic leukemia nuclear bodies associate with transcriptionally active genomic regions. Journal of Cell Biology, 2004, 164, 515-526.	2.3	206
39	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.	1.6	25
40	Subchromosomal Positioning of the Epidermal Differentiation Complex (EDC) in Keratinocyte and Lymphoblast Interphase Nuclei. Experimental Cell Research, 2002, 272, 163-175.	1.2	188
41	HnRNP-A1 binds directly to double-stranded DNA in vitro within a 36 bp sequence. Molecular and Cellular Biochemistry, 2002, 233, 181-185.	1.4	14
42	Molecular Characterization of a cDNA Encoding Functional Human CLK4 Kinase and Localization to Chromosome 4q35. Genomics, 2001, 71, 368-370.	1.3	9
43	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.	3.3	152
44	Nonâ€random chromosomal rearrangements in pancreatic cancer cell lines identified by spectral karyotyping. International Journal of Cancer, 2001, 91, 350-358.	2.3	44
45	PML bodies associate specifically with the MHC gene cluster in interphase nuclei. Journal of Cell Science, 2001, 114, 3705-3716.	1.2	109
46	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.	1.5	7
47	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.	3.3	608
48	Fluorescence in situ hybridization techniques for the rapid detection of genetic prognostic factors in neuroblastoma. British Journal of Cancer, 2000, 83, 40-49.	2.9	22
49	Mini review: Form and function in the human interphase chromosome. Cytogenetic and Genome Research, 2000, 90, 13-21.	0.6	46
50	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.	15.2	339
51	Analysis of NotI linking clones isolated from human chromosome 3 specific libraries. Gene, 1999, 239, 259-271.	1.0	31
52	Genomic analysis of theTapasin gene, located close to theTAP loci in the MHC. European Journal of Immunology, 1998, 28, 459-467.	1.6	71
53	cDNA cloning and chromosomal mapping of a mouse gene with homology to NTPases. Mammalian Genome, 1998, 9, 162-164.	1.0	13
54	Genomic structure and domain organisation of the human Bak gene. Gene, 1998, 211, 87-94.	1.0	26

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55	The Human Homologue of theninjurinGene Maps to the Candidate Region of Hereditary Sensory Neuropathy Type I (HSNI). Genomics, 1998, 47, 58-63.	1.3	16
56	The Ubiquitin-Homology GenePIC1:Characterization of Mouse (Pic1) and Human (UBL1) Genes and Pseudogenes. Genomics, 1998, 47, 92-100.	1.3	22
57	The Human Polycomb Group Complex Associates with Pericentromeric Heterochromatin to Form a Novel Nuclear Domain. Journal of Cell Biology, 1998, 142, 887-898.	2.3	270
58	Genomic analysis of the Tapasin gene, located close to the TAP loci in the MHC. , 1998, 28, 459.		2
59	CD164, a Novel Sialomucin on CD34+ and Erythroid Subsets, Is Located on Human Chromosome 6q21. Blood, 1998, 92, 849-866.	0.6	2
60	The Human HIV-1 Rev Binding-Protein hRIP/Rab (HRB) Maps to Chromosome 2q36. Genomics, 1997, 40, 198-199.	1.3	4
61	Genetic Relationships of the Genes Encoding the Human Proteasome Î² Subunits and the Proteasome PA28 Complex. Genomics, 1997, 45, 362-367.	1.3	17
62	Chromosomal localization, gene structure and transcription pattern of the ORFX gene, a homologue of the MHC-linked RING3 gene. Gene, 1997, 200, 177-183.	1.0	33
63	The genetic analysis of prostate carcinoma. Seminars in Cancer Biology, 1997, 8, 37-44.	4.3	8
64	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.	1.3	84
65	The Gene Coding for Human Deoxyhypusine Synthase (DHPS) Maps to Chromosome 19p13.11â€“p13.12. Genomics, 1996, 35, 635-636.	1.3	2
66	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.	1.3	29
67	H-RYK, an Unusual Receptor Kinase: Isolation and Analysis of Expression in Ovarian Cancer. Molecular Medicine, 1996, 2, 189-203.	1.9	30
68	Introduction: Genetic rearrangements in cancer. Seminars in Cancer Biology, 1996, 7, 1.	4.3	0
69	LIMâ€“kinase deleted in Williams syndrome. Nature Genetics, 1996, 13, 272-273.	9.4	136
70	Catalog of chromosome aberrations in cancer (5th edn). Trends in Genetics, 1995, 11, 421-422.	2.9	16
71	Fusion of theEWS Gene to a DNA segment from 9q22-31 in a human myxoid chondrosarcoma. Genes Chromosomes and Cancer, 1995, 12, 307-310.	1.5	42
72	Characterization of a t(10; 11) (p13-14; q14-21) in the monoblastic cell line U937. Genes Chromosomes and Cancer, 1995, 13, 138-142.	1.5	8

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73	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.	0.6	30
74	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.	1.3	17
75	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.	1.3	154
76	Is prostate cancer worth diagnosing?. Lancet, The, 1995, 346, 1177-1178.	6.3	7
77	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.	13.9	1,010
78	Olfactory receptor gene cluster on human chromosome 17: possible duplication of an ancestral receptor repertoire. Human Molecular Genetics, 1994, 3, 229-235.	1.4	201
79	Two simple procedures for releasing chromatin from routinely fixed cells for fluorescence in situ hybridization. Cytogenetic and Genome Research, 1994, 65, 203-205.	0.6	131
80	Released chromatin: linearized DNA for high resolution fluorescence in situ hybridization. Human Molecular Genetics, 1994, 3, 1275-1280.	1.4	57
81	Molecular analysis of simple variant translocations in acute promyelocytic leukemia. Genes Chromosomes and Cancer, 1994, 9, 234-243.	1.5	28
82	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.	2.9	45
83	Proteasome components with reciprocal expression to that of the MHC-encoded LMP proteins. Current Biology, 1994, 4, 769-776.	1.8	155
84	Cloning of the region between HLA-DMB and LMP2 in the human major histocompatibility complex. Human Immunology, 1994, 40, 1-7.	1.2	7
85	The Human Gene for Xeroderma Pigmentosum Complementation Group G (XPG) Maps to 13q33 by Fluorescence in Situ Hybridization. Genomics, 1994, 21, 283-285.	1.3	16
86	Mapping of the Genes Encoding Human Inducible and Endothelial Nitric Oxide Synthase (NOS2 and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 21, 419-422.	1.3	55
87	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.	1.3	12
88	“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
89	New vector for transfer of yeast artificial chromosomes to mammalian cells. Somatic Cell and Molecular Genetics, 1993, 19, 161-169.	0.7	27
90	A Long-Range Restriction Map of Human Chromosome 5q21-q23. Genomics, 1993, 17, 15-24.	1.3	5

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91	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.	0.6	56
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.	1.4	21
93	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.	2.9	77
94	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.	0.6	52
95	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.	6.5	243
96	Cloning and chromosome mapping of the human interleukin-1 receptor antagonist gene. Cytokine, 1992, 4, 83-89.	1.4	57
97	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.	1.3	54
98	A somatic cell hybrid panel for regional mapping of human chromosome 18. Genomics, 1992, 14, 431-436.	1.3	17
99	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.	1.3	11
100	The telomeric 60 kb of chromosome arm 4p is homologous to telomeric regions on 13p, 15p, 21p, and 22p. Genomics, 1992, 14, 350-356.	1.3	35
101	Isolation of probes specific to human chromosomal region 6p21 from immunoselected irradiation-fusion gene transfer hybrids. Genomics, 1991, 10, 598-607.	1.3	19
102	Cytogenetic analysis of primitive neuroectodermal tumors. Cancer Genetics and Cytogenetics, 1991, 51, 13-22.	1.0	23
103	Molecular cloning of human lysyl oxidase and assignment of the gene to chromosome 5q23.3â€“31.2. Genomics, 1991, 11, 508-516.	1.3	127
104	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.	1.5	17
105	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.	6.5	11
106	Molecular cloning and analysis of the fragile X region in man. Nucleic Acids Research, 1991, 19, 2567-2572.	6.5	50
107	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
108	Molecular analysis of acute promyelocytic leukemia breakpoint cluster region on chromosome 17. Science, 1990, 249, 1577-1580.	6.0	604

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109	Localization of the gene encoding a type I protein phosphatase catalytic subunit to human chromosome band 11q13. Genomics, 1990, 7, 159-166.	1.3	72
110	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
111	Cytogenetic analysis of a cell line established from a Krukenberg tumor. Cancer Genetics and Cytogenetics, 1990, 46, 71-74.	1.0	1
112	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
113	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.	1.8	26
114	Characterisation of human thyroid epithelial cells immortalised in vitro by simian virus 40 DNA transfection. British Journal of Cancer, 1989, 60, 897-903.	2.9	148
115	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.	0.3	57
116	Deletion of c-ets1 and T3Î³ loci from the 11q- chromosome in the human monoblastic cell line U937. Leukemia Research, 1989, 13, 445-450.	0.4	5
117	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.	3.3	39
118	The human LFA-3 gene is located at the same chromosome band as the gene for its receptor CD2. Immunogenetics, 1988, 28, 278-282.	1.2	41
119	Biochemical and genetic analysis of the Oka blood group antigen. Immunogenetics, 1988, 27, 322-329.	1.2	50
120	Karyotypic analysis of the human monoblastic cell line U937. Cancer Genetics and Cytogenetics, 1988, 30, 277-284.	1.0	18
121	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.	0.9	8
122	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.	3.3	35
123	Cytogenetic analysis of four human ovarian carcinoma cell lines. Cancer Genetics and Cytogenetics, 1987, 26, 339-349.	1.0	46
124	The human placental alkaline phosphatase gene and related sequences map to chromosome 2 band q37. Annals of Human Genetics, 1987, 51, 145-152.	0.3	75
125	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.	0.3	107
126	Localization of the gene for familial adenomatous polyposis on chromosome 5. Nature, 1987, 328, 614-616.	13.7	1,362

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127	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.	1.2	32
128	The gene coding for the human T-lymphocyte CD2 antigen is located on chromosome 1p. Human Genetics, 1987, 76, 191-195.	1.8	27
129	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.	2.3	56
130	Characterization and chromosomal assignment of a human cell surface antigen defined by the monoclonal antibody AUAI. International Journal of Cancer, 1986, 38, 631-636.	2.3	86
131	Genetic aspects of carcinogenesis. , 1986, , S39-S41.		0
132	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
133	Monosomy 7 and multipotential stem cell transformation. British Journal of Haematology, 1985, 61, 531-539.	1.2	39
134	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.	0.3	37
135	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.	2.3	134
136	Genetic evidence that a Y-linked gene in man is homologous to a gene on the X chromosome. Nature, 1983, 302, 346-349.	13.7	192
137	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.	3.3	50
138	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.	0.3	67
139	Carcinoembryonic antigen (CEA) expression in somatic cell hybrids. Somatic Cell Genetics, 1982, 8, 1-13.	2.7	11