

Walter Bodmer

List of Publications by Year in descending order

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211
papers

31,653
citations

8159

76
h-index

4419

172
g-index

221
all docs

221
docs citations

221
times ranked

40054
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated map of genetic variation from 1,092 human genomes. <i>Nature</i> , 2012, 491, 56-65.	13.7	7,199
2	Production of monoclonal antibodies to group A erythrocytes, HLA and other human cell surface antigens-new tools for genetic analysis. <i>Cell</i> , 1978, 14, 9-20.	13.5	1,905
3	A serine/threonine kinase gene defective in Peutz-Jeghers syndrome. <i>Nature</i> , 1998, 391, 184-187.	13.7	1,451
4	Localization of the gene for familial adenomatous polyposis on chromosome 5. <i>Nature</i> , 1987, 328, 614-616.	13.7	1,362
5	Common and rare variants in multifactorial susceptibility to common diseases. <i>Nature Genetics</i> , 2008, 40, 695-701.	9.4	1,010
6	Target genes of β -catenin-T cell-factor/lymphoid-enhancer-factor signaling in human colorectal carcinomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 1603-1608.	3.3	764
7	Chromosome 5 allele loss in human colorectal carcinomas. <i>Nature</i> , 1987, 328, 616-619.	13.7	586
8	Monoclonal antibodies to epithelium-specific components of the human milk fat globule membrane: Production and reaction with cells in culture. <i>International Journal of Cancer</i> , 1981, 28, 17-21.	2.3	571
9	Nomenclature for factors of the HLA system, 2004. <i>Tissue Antigens</i> , 2005, 65, 301-369.	1.0	491
10	The Eurasian Heartland: A continental perspective on Y-chromosome diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10244-10249.	3.3	445
11	Localization of a susceptibility locus for Peutz-Jeghers syndrome to 19p using comparative genomic hybridization and targeted linkage analysis. <i>Nature Genetics</i> , 1997, 15, 87-90.	9.4	444
12	APC mutations in sporadic colorectal tumors: A mutational "hotspot" and interdependence of the "two hits". <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3352-3357.	3.3	441
13	β -Catenin mutations in cell lines established from human colorectal cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10330-10334.	3.3	435
14	The mutation rate and cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 14800-14803.	3.3	424
15	The fine-scale genetic structure of the British population. <i>Nature</i> , 2015, 519, 309-314.	13.7	416
16	Cancer stem cells from colorectal cancer-derived cell lines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3722-3727.	3.3	392
17	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. <i>Nature Medicine</i> , 1999, 5, 1071-1075.	15.2	339
18	Cancer Cell Lines for Drug Discovery and Development. <i>Cancer Research</i> , 2014, 74, 2377-2384.	0.4	324

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19	Chromosomal localization of human cellular homologues of two viral oncogenes. <i>Nature</i> , 1982, 299, 747-749.	13.7	317
20	Colorectal Cancer Cell Lines Are Representative Models of the Main Molecular Subtypes of Primary Cancer. <i>Cancer Research</i> , 2014, 74, 3238-3247.	0.4	317
21	Genetic Analysis with Manâ€“Mouse Somatic Cell Hybrids: Linkage between Human Lactate Dehydrogenase B and Peptidase B Genes. <i>Nature</i> , 1970, 227, 248-251.	13.7	308
22	Differentiation antigens expressed by epithelial cells in the lactating breast are also detectable in breast cancers. <i>International Journal of Cancer</i> , 1981, 28, 23-29.	2.3	299
23	Selection, the mutation rate and cancer: Ensuring that the tail does not wag the dog. <i>Nature Medicine</i> , 1999, 5, 11-12.	15.2	289
24	Genetic Analysis with Humanâ€“Mouse Somatic Cell Hybrids. <i>Nature</i> , 1969, 223, 358-363.	13.7	282
25	Insulin-like growth factor 1 regulates the location, stability, and transcriptional activity of beta -catenin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12103-12108.	3.3	261
26	A Novel Carcinoembryonic Antigen T-Cell Bispecific Antibody (CEA TCB) for the Treatment of Solid Tumors. <i>Clinical Cancer Research</i> , 2016, 22, 3286-3297.	3.2	260
27	Mathematical modeling of cell population dynamics in the colonic crypt and in colorectal cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4008-4013.	3.3	253
28	Molecular analysis of APC mutations in familial adenomatous polyposis and sporadic colon carcinomas. <i>Lancet, The</i> , 1992, 340, 626-630.	6.3	236
29	Germline Mutations in BMPR1A/ALK3 Cause a Subset of Cases of Juvenile Polyposis Syndrome and of Cowden and Bannayan-Riley-Ruvalcaba Syndromes*. <i>American Journal of Human Genetics</i> , 2001, 69, 704-711.	2.6	236
30	Expression of HLA antigens, Î²2-microglobulin and enzymes by human amniotic epithelial cells. <i>Nature</i> , 1982, 295, 325-327.	13.7	222
31	Assignment of the structural gene for the third component of human complement to chromosome 19.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982, 79, 5021-5025.	3.3	220
32	Histocompatibility antigens, immune responsiveness and susceptibility to disease. <i>American Journal of Medicine</i> , 1972, 52, 1-8.	0.6	207
33	Analysis of P53 mutations and their expression in 56 colorectal cancer cell lines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 976-981.	3.3	202
34	The APC variants I1307K and E1317Q are associated with colorectal tumors, but not always with a family history. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 10722-10727.	3.3	194
35	Multiple rare variants in different genes account for multifactorial inherited susceptibility to colorectal adenomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15992-15997.	3.3	181
36	APC mutations are sufficient for the growth of early colorectal adenomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 2225-2228.	3.3	169

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37	Array Comparative Genomic Hybridization Analysis of Colorectal Cancer Cell Lines and Primary Carcinomas. <i>Cancer Research</i> , 2004, 64, 4817-4825.	0.4	168
38	Failure of programmed cell death and differentiation as causes of tumors: some simple mathematical models.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 11130-11134.	3.3	167
39	Sequence of an HLA-DR β -chain cDNA clone and intron-exon organization of the corresponding gene. <i>Nature</i> , 1982, 299, 750-752.	13.7	162
40	SMAD4 mutations in colorectal cancer probably occur before chromosomal instability, but after divergence of the microsatellite instability pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 9719-9723.	3.3	162
41	Multigene amplification and massively parallel sequencing for cancer mutation discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9387-9392.	3.3	159
42	Spectral karyotyping suggests additional subsets of colorectal cancers characterized by pattern of chromosome rearrangement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2538-2543.	3.3	152
43	DNA mismatch repair genes and colorectal cancer. <i>Gut</i> , 2000, 47, 148-153.	6.1	151
44	Human gene mapping using an X/autosome translocation. <i>Somatic Cell Genetics</i> , 1976, 2, 125-140.	2.7	148
45	Intestinal trefoil factor controls the expression of the adenomatous polyposis coli-catenin and the E-cadherin-catenin complexes in human colon carcinoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 3122-3127.	3.3	148
46	Genetic steps in colorectal cancer. <i>Nature Genetics</i> , 1994, 6, 217-219.	9.4	147
47	Genetics of colorectal cancer: hereditary aspects and overview of colorectal tumorigenesis. <i>British Medical Bulletin</i> , 2002, 64, 27-43.	2.7	145
48	Mutations in DPC4 (SMAD4) cause juvenile polyposis syndrome, but only account for a minority of cases. <i>Human Molecular Genetics</i> , 1998, 7, 1907-1912.	1.4	142
49	Beta 2-microglobulin gene mutations: a study of established colorectal cell lines and fresh tumors.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 4751-4755.	3.3	133
50	Hypermethylation of the promoter region of the E-cadherin gene (CDH1) in sporadic and ulcerative colitis associated colorectal cancer. <i>Gut</i> , 2001, 48, 367-371.	6.1	128
51	Whole-gene APC deletions cause classical familial adenomatous polyposis, but not attenuated polyposis or "multiple" colorectal adenomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2954-2958.	3.3	127
52	People of the British Isles: preliminary analysis of genotypes and surnames in a UK-control population. <i>European Journal of Human Genetics</i> , 2012, 20, 203-210.	1.4	126
53	Germline APC variants in patients with multiple colorectal adenomas, with evidence for the particular importance of E1317Q. <i>Human Molecular Genetics</i> , 2000, 9, 2215-2221.	1.4	125
54	X-inactivation patch size in human female tissue confounds the assessment of tumor clonality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3311-3314.	3.3	121

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55	Mutated epithelial cadherin is associated with increased tumorigenicity and loss of adhesion and of responsiveness to the motogenic trefoil factor 2 in colon carcinoma cells. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 2316-2321.	3.3	117
56	Analysis of genetic and phenotypic heterogeneity in juvenile polyposis. Gut, 2000, 46, 656-660.	6.1	117
57	Subcellular Separation and Molecular Nature of Human Histocompatibility Antigens (HL-A). Nature, 1974, 247, 457-461.	13.7	116
58	Dietary fat influences on polyp phenotype in multiple intestinal neoplasia mice. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 3308-3313.	3.3	112
59	Detection of circulating tumour cells in peripheral blood with an automated scanning fluorescence microscope. British Journal of Cancer, 2008, 99, 789-795.	2.9	111
60	How Many Mutations in a Cancer?. American Journal of Pathology, 2002, 160, 755-758.	1.9	110
61	The independent expression of HLA and β 2-microglobulin on human-mouse hybrids. Somatic Cell Genetics, 1976, 2, 483-496.	2.7	102
62	CDX1 is an important molecular mediator of Barrett's metaplasia. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7565-7570.	3.3	101
63	Mechanisms of inactivation of mismatch repair genes in human colorectal cancer cell lines: The predominant role of hMLH1. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 10296-10301.	3.3	100
64	Hypoxia and lineage specification of cell line-derived colorectal cancer stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4382-4387.	3.3	100
65	Functional expression of HLA-DP genes transfected into mouse fibroblasts. Nature, 1985, 313, 61-64.	13.7	98
66	An Ancestral Ashkenazi Haplotype at the HMPS/CRAC1 Locus on 15q13-q14 Is Associated with Hereditary Mixed Polyposis Syndrome. American Journal of Human Genetics, 2003, 72, 1261-1267.	2.6	98
67	Gastrointestinal differentiation marker Cytokeratin 20 is regulated by homeobox gene CDX1. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1936-1941.	3.3	95
68	Polygenic inheritance, GWAS, polygenic risk scores, and the search for functional variants. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18924-18933.	3.3	95
69	Isolation and N-terminal amino acid sequence of membrane-bound human HLA-A and HLA-B antigens. Nature, 1976, 261, 200-205.	13.7	93
70	Somatic Mutations in the Peutz-Jeghers (LKB1/STK11) Gene in Sporadic Malignant Melanomas. Journal of Investigative Dermatology, 1999, 112, 509-511.	0.3	93
71	Analysis of chromosomal instability in human colorectal adenomas with two mutational hits at APC. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16910-16915.	3.3	89
72	5-Fluorouracil response in a large panel of colorectal cancer cell lines is associated with mismatch repair deficiency. British Journal of Cancer, 2010, 103, 340-346.	2.9	88

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73	Characterization and chromosomal assignment of a human cell surface antigen defined by the monoclonal antibody AUAI. <i>International Journal of Cancer</i> , 1986, 38, 631-636.	2.3	86
74	Nomenclature for factors of the HLA system, 1995. <i>Human Immunology</i> , 1995, 43, 149-164.	1.2	85
75	The peopling of Europe and the cautionary tale of Y chromosome lineage R-M269. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 884-892.	1.2	84
76	Detection of human cancer in an animal model using radio-labelled tumour-associated monoclonal antibodies. <i>British Journal of Cancer</i> , 1982, 46, 1-8.	2.9	79
77	On the increase of chromosome mutations under random mating. <i>Theoretical Population Biology</i> , 1976, 9, 260-281.	0.5	74
78	Myofibroblasts are distinguished from activated skin fibroblasts by the expression of AOC3 and other associated markers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2162-71.	3.3	73
79	A comparison of the genetic pathways involved in the pathogenesis of three types of colorectal cancer. , 1998, 184, 148-152.		70
80	The HLA system and the analysis of multifactorial genetic disease. <i>Trends in Genetics</i> , 1995, 11, 493-498.	2.9	69
81	Separation of cancer cells from white blood cells by pinched flow fractionation. <i>Lab on A Chip</i> , 2015, 15, 4598-4606.	3.1	66
82	MHC antigens and cancer: implications for T-cell surveillance. <i>Current Opinion in Immunology</i> , 1992, 4, 613-618.	2.4	65
83	Defects in mismatch repair occur after APC mutations in the pathogenesis of sporadic colorectal tumours. , 1998, 11, 114-120.		64
84	Genetic Instability Is Not a Requirement for Tumor Development. <i>Cancer Research</i> , 2008, 68, 3558-3561.	0.4	64
85	Genetics of the human face: Identification of large-effect single gene variants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E676-E685.	3.3	64
86	Cancer genetics: colorectal cancer as a model. <i>Journal of Human Genetics</i> , 2006, 51, 391-396.	1.1	63
87	HIV TESTING ON ALL PREGNANT WOMEN. <i>Lancet, The</i> , 1987, 330, 1277.	6.3	62
88	Rapid isolation of human chromosome-specific DNA probes from a somatic cell hybrid. <i>Genomics</i> , 1990, 7, 257-263.	1.3	62
89	Mitochondrial DNA of Human-Mouse Cell Hybrids. <i>Nature</i> , 1971, 234, 560-562.	13.7	61
90	Loss of CDX1 expression in colorectal carcinoma: Promoter methylation, mutation, and loss of heterozygosity analyses of 37 cell lines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 574-579.	3.3	61

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91	Rare genetic variants and the risk of cancer. <i>Current Opinion in Genetics and Development</i> , 2010, 20, 262-267.	1.5	61
92	Loss of HLA class-I alleles, heavy chains and β_2 -microglobulin in colorectal cancer. <i>International Journal of Cancer</i> , 1992, 51, 379-385.	2.3	60
93	On the proportion of cancer stem cells in a tumour. <i>Journal of Theoretical Biology</i> , 2010, 266, 708-711.	0.8	59
94	The Evolution of Overdominance: Natural Selection and Heterozygote Advantage. <i>Nature</i> , 1961, 190, 7-12.	13.7	56
95	The E-cadherin gene (CDH1) variants T340A and L599V in gastric and colorectal cancer patients in Korea. <i>Gut</i> , 2000, 47, 262-267.	6.1	56
96	HLA-A locus alleles identified by sequence specific PCR. <i>Lancet</i> , The, 1993, 341, 121-122.	6.3	55
97	Use of SSCP analysis to identify germline mutations in HNPCC families fulfilling the Amsterdam criteria. <i>Human Genetics</i> , 1997, 99, 219-224.	1.8	53
98	An isolated β 1 exon next to the DR β gene in the HLA-D region. <i>Immunogenetics</i> , 1986, 23, 172-180.	1.2	50
99	An update to HLA Nomenclature, 2010. <i>Bone Marrow Transplantation</i> , 2010, 45, 846-848.	1.3	48
100	An immunohistological study of testicular germ cell tumours using two different monoclonal antibodies against placental alkaline phosphatase. <i>British Journal of Cancer</i> , 1984, 49, 11-15.	2.9	47
101	Transforming growth factor β stimulation of colorectal cancer cell lines: Type II receptor bypass and changes in adhesion molecule expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 3087-3091.	3.3	47
102	Nomenclature for factors of the HLA system, 2002. <i>International Journal of Immunogenetics</i> , 2002, 29, 463-515.	1.2	47
103	Relationship of Centromeric Heterochromatin to Fluorescent Banding Patterns of Metaphase Chromosomes in the Mouse. <i>Nature</i> , 1971, 231, 503-506.	13.7	46
104	Familial adenomatous polyposis (FAP) and its gene, APC. <i>Cytogenetic and Genome Research</i> , 1999, 86, 99-104.	0.6	46
105	Cell growth, global phosphotyrosine elevation, and c-Met phosphorylation through Src family kinases in colorectal cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2358-2362.	3.3	46
106	Genotyping Possible Polymorphic Variants of Human Mismatch Repair Genes in Healthy Korean Individuals and Sporadic Colorectal Cancer Patients. <i>Familial Cancer</i> , 2002, 3, 129-137.	0.9	44
107	Genetic basis of variation in adenoma multiplicity in <i>ApcMin/+</i> <i>Mom1S</i> mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2868-2873.	3.3	43
108	Mutations in the AXIN1 Gene in Advanced Prostate Cancer. <i>European Urology</i> , 2009, 56, 486-494.	0.9	41

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109	Direct and immune mediated antibody targeting of <i>ERBB</i> receptors in a colorectal cancer cell-line panel. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21046-21051.	3.3	41
110	Stem Cell Differentiation and Lumen Formation in Colorectal Cancer Cell Lines and Primary Tumors. Cancer Research, 2013, 73, 5798-5809.	0.4	41
111	GENETICS OF "AND "HUMAN LEUKOCYTE GROUPS*. Annals of the New York Academy of Sciences, 2006, 129, 473-489.	1.8	40
112	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
113	Monoclonal antibody assay of serum placental alkaline phosphatase in the monitoring of testicular tumours. British Journal of Cancer, 1985, 51, 641-644.	2.9	38
114	Stromal uptake and transmission of acid is a pathway for venting cancer cell-generated acid. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5344-53.	3.3	38
115	Human intraspecific somatic cell hybrids: A genetic and karyotypic analysis of crosses between lymphocytes and D98/AH-2. Somatic Cell Genetics, 1975, 1, 41-64.	2.7	36
116	Allele loss in colorectal cancer at the Cowden disease/Juvenile Polyposis locus on 10q. Cancer Genetics and Cytogenetics, 1997, 97, 64-69.	1.0	36
117	A rapid micro method for counting cells "in situ" using a fluorogenic alkaline phosphatase enzyme assay. In Vitro Cellular & Developmental Biology, 1989, 25, 105-108.	1.0	35
118	A high-frequency polymorphism in exon 6 of the CD45 tyrosine phosphatase gene (PTPRC) resulting in altered isoform expression. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5997-6002.	3.3	34
119	Disease associations and altered immune function in CD45 138G variant carriers. Human Molecular Genetics, 2004, 13, 2377-2384.	1.4	33
120	Myofibroblast activation in colorectal cancer lymph node metastases. British Journal of Cancer, 2013, 108, 2106-2115.	2.9	33
121	GSTM1 and GSTT1 polymorphisms as modifiers of age at diagnosis of hereditary nonpolyposis colorectal cancer (HNPCC) in a homogeneous cohort of individuals carrying a single predisposing mutation. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 602, 175-181.	0.4	30
122	HLA Haplotype Associations with Disease. Tissue Antigens, 1979, 13, 91-102.	1.0	30
123	A pericentric inversion of chromosome six in a patient with Peutz-Jeghers' syndrome and the use of FISH to localise the breakpoints on a genetic map. Human Genetics, 1996, 98, 125-128.	1.8	29
124	MYH biallelic mutation can inactivate the two genetic pathways of colorectal cancer by APC or MLH1 transversions. Familial Cancer, 2010, 9, 589-594.	0.9	29
125	The Irish DNA Atlas: Revealing Fine-Scale Population Structure and History within Ireland. Scientific Reports, 2017, 7, 17199.	1.6	29
126	Expression of a single-chain HLA class I molecule in a human cell line: presentation of exogenous peptide and processed antigen to cytotoxic T lymphocytes.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 236-240.	3.3	28

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127	Microsatellite Instability in Benign Skin Lesions in Hereditary Non-Polyposis Colorectal Cancer Syndrome. <i>Journal of Investigative Dermatology</i> , 1999, 113, 901-905.	0.3	28
128	Nomenclature for factors of the HLA system 1984. <i>Immunogenetics</i> , 1984, 20, 593-601.	1.2	27
129	New vector for transfer of yeast artificial chromosomes to mammalian cells. <i>Somatic Cell and Molecular Genetics</i> , 1993, 19, 161-169.	0.7	27
130	Genetic Characterization of Human Populations: From ABO to a Genetic Map of the British People. <i>Genetics</i> , 2015, 199, 267-279.	1.2	27
131	Introduction of amyc reporter tag to improve the quality of mutation detection using the protein truncation test. , 1997, 9, 172-176.		26
132	Targeted killing of colorectal cancer cell lines by a humanised IgG1 monoclonal antibody that binds to membrane-bound carcinoembryonic antigen. <i>British Journal of Cancer</i> , 2008, 98, 1217-1225.	2.9	26
133	Humanised IgG1 antibody variants targeting membrane-bound carcinoembryonic antigen by antibody-dependent cellular cytotoxicity and phagocytosis. <i>British Journal of Cancer</i> , 2009, 101, 1758-1768.	2.9	26
134	Comprehensive assessment of variation at the transforming growth factor $\hat{1}^2$ type 1 receptor locus and colorectal cancer predisposition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7858-7862.	3.3	26
135	A sensitive micro-immunoassay using $\hat{1}^2$ -galactosidase/ anti- $\hat{1}^2$ -galactosidase complexes. <i>Journal of Immunological Methods</i> , 1987, 97, 19-27.	0.6	25
136	Distribution of carcinoembryonic antigen and biologic behavior in colorectal carcinoma. <i>Diseases of the Colon and Rectum</i> , 1999, 42, 640-648.	0.7	25
137	CDX2 mutations do not account for juvenile polyposis or Peutz-Jeghers syndrome and occur infrequently in sporadic colorectal cancers. <i>British Journal of Cancer</i> , 2001, 84, 1314-1316.	2.9	25
138	Effects of Maternal Age on the Incidence of Congenital Abnormalities in Mouse and Man. <i>Nature</i> , 1961, 190, 1134-1135.	13.7	24
139	Linkage disequilibrium and age of HLA region SNPs in relation to classic HLA gene alleles within Europe. <i>European Journal of Human Genetics</i> , 2010, 18, 924-932.	1.4	24
140	HLA today. <i>Human Immunology</i> , 1986, 17, 490-503.	1.2	23
141	HLA: what's in a name?. <i>Tissue Antigens</i> , 1997, 49, 293-296.	1.0	23
142	Dsh Homolog DVL3 Mediates Resistance to IGFIR Inhibition by Regulating IGF-RAS Signaling. <i>Cancer Research</i> , 2014, 74, 5866-5877.	0.4	23
143	Characterization and mapping of microdissected genomic clones from the adenomatous polyposis coli (APC) region. <i>Genomics</i> , 1991, 11, 247-251.	1.3	22
144	Altered CD45 expression in C77G carriers influences immune function and outcome of hepatitis C infection. <i>Journal of Medical Genetics</i> , 2006, 43, 678-684.	1.5	20

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145	Cytostatic drug treatment causes seeding of gene promoter methylation. <i>European Journal of Cancer</i> , 2007, 43, 947-954.	1.3	19
146	Public Understanding of Science: The BA, the Royal Society and COPUS. <i>Notes and Records of the Royal Society</i> , 2010, 64, .	0.1	19
147	Fine Mapping of Probes in the Adenomatous Polyposis Coli Region of Chromosome 5 by In Situ Hybridization. <i>Genes Chromosomes and Cancer</i> , 1991, 3, 382-389.	1.5	17
148	A somatic cell hybrid panel for regional mapping of human chromosome 18. <i>Genomics</i> , 1992, 14, 431-436.	1.3	17
149	Replication error deficient and proficient colorectal cancer gene expression differences caused by 3' UTR polyT sequence deletions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21058-21063.	3.3	17
150	IMMUNOLOGY AND THE FETUS. <i>Lancet, The</i> , 1978, 311, 326-327.	6.3	15
151	T-cell immune responses to cancer— A new look. <i>Human Immunology</i> , 1991, 30, 259-261.	1.2	15
152	PLAP-CAR T cells mediate high specific cytotoxicity against colon cancer cells. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 1765-1786.	3.0	15
153	PCR-based detection of two MspI Polymorphic sites at D18S8. <i>Nucleic Acids Research</i> , 1991, 19, 6983-6983.	6.5	14
154	Distribution and Quantity of Leukocyte Antigens in the Formed Elements of the Blood. <i>Transfusion</i> , 1966, 6, 193-204.	0.8	13
155	Bristol Cancer Help Centre. <i>Lancet, The</i> , 1990, 336, 1185-1188.	6.3	13
156	Immune responses in advanced colorectal cancer following repeated intradermal vaccination with the anti-CEA murine monoclonal antibody, PR1A3: results of a phase I study. <i>International Journal of Colorectal Disease</i> , 2005, 20, 403-414.	1.0	13
157	DNA mismatch repair in lymphoblastoid cells from hereditary non-polyposis colorectal cancer (HNPCC) patients is normal under conditions of rapid cell division and increased mutational load. <i>Mutation Research DNA Repair</i> , 1997, 383, 177-182.	3.8	12
158	Alkaline-mediated differential interaction (AMDI): A simple automatable single-nucleotide polymorphism assay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2694-2697.	3.3	12
159	The human chromosome content in human-rodent somatic cell hybrids analyzed by a screening technique using Alu PCR. <i>Genomics</i> , 1991, 10, 186-192.	1.3	11
160	RA Fisher, statistician and geneticist extraordinary: a personal view. <i>International Journal of Epidemiology</i> , 2003, 32, 938-942.	0.9	11
161	Carcino-embryonic antigen may function as a chemo-attractant in colorectal-carcinoma cell lines. , 1999, 82, 880-885.		10
162	Antibody targeting studies in a transgenic murine model of spontaneous colorectal tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10256-10260.	3.3	10

#	ARTICLE	IF	CITATIONS
163	Geographical distribution and disease associations of the CD45 exon 6 138G variant. <i>Immunogenetics</i> , 2006, 58, 235-239.	1.2	10
164	Growth factor requirements of human colorectal tumour cells: Relations to cellular differentiation. <i>European Journal of Cancer & Clinical Oncology</i> , 1991, 27, 1680-1684.	0.9	9
165	Detection of a 4-bp Insertion (CACA) Functional Polymorphism at Nucleotide 241 of the Cellular Adhesion Regulatory Molecule CMAR (Formerly CAR). <i>Genomics</i> , 1994, 19, 181-182.	1.3	9
166	Enhancement of colorectal tumor targeting using a novel biparatopic monoclonal antibody against carcinoembryonic antigen in experimental radioimmunoguided surgery. <i>International Journal of Cancer</i> , 2002, 97, 542-547.	2.3	9
167	CD45 variant alleles: possibly increased frequency of a novel exon 4 CD45 polymorphism in HIV seropositive Ugandans. <i>Immunogenetics</i> , 2004, 56, 107-110.	1.2	9
168	Cyclin D1 rare variants in UK multiple adenoma and early-onset colorectal cancer patients. <i>Journal of Human Genetics</i> , 2011, 56, 58-63.	1.1	9
169	Role of rare variants in undetermined multiple adenomatous polyposis and early-onset colorectal cancer. <i>Journal of Human Genetics</i> , 2012, 57, 709-716.	1.1	9
170	Subdividing Y-chromosome haplogroup R1a1 reveals Norse Viking dispersal lineages in Britain. <i>European Journal of Human Genetics</i> , 2021, 29, 512-523.	1.4	9
171	Histocompatibility testing international. <i>Nature</i> , 1975, 256, 696-697.	13.7	8
172	A new look at tumour immunology. <i>European Journal of Cancer</i> , 1992, 28, 1761-1762.	1.3	8
173	High-throughput class I HLA genotyping using fluorescence resonance energy transfer (FRET) probes and sequence-specific primer-polymerase chain reaction (SSP-PCR). <i>Tissue Antigens</i> , 1999, 54, 603-614.	1.0	8
174	Preclinical Application of Radioimmunoguided Surgery Using Anti-Carcinoembryonic Antigen Biparatopic Antibody in the Colon Cancer. <i>European Surgical Research</i> , 2005, 37, 36-44.	0.6	8
175	Ruggiero Ceppellini: A Perspective on His Contributions to Genetics and Immunology. <i>Frontiers in Immunology</i> , 2019, 10, 1280.	2.2	8
176	Radioimmunodetection of cancer. <i>European Journal of Cancer & Clinical Oncology</i> , 1982, 18, 1221-1223.	0.9	6
177	PTPRC (CD45) variation and disease association studied using single nucleotide polymorphism tagging. <i>Tissue Antigens</i> , 2008, 71, 458-463.	1.0	6
178	The outstanding scientist, R.A. Fisher: his views on eugenics and race. <i>Heredity</i> , 2021, 126, 565-576.	1.2	6
179	A novel xenonucleic acid-mediated molecular clamping technology for early colorectal cancer screening. <i>PLoS ONE</i> , 2021, 16, e0244332.	1.1	6
180	Regional mapping of 22 microclones around the adenomatous polyposis coli (APC) locus on chromosome 5q. <i>Human Genetics</i> , 1991, 88, 112-114.	1.8	5

#	ARTICLE	IF	CITATIONS
181	A Long-Range Restriction Map of Human Chromosome 5q21-q23. <i>Genomics</i> , 1993, 17, 15-24.	1.3	5
182	Tumor burden and clonality in multiple intestinal neoplasia mouse/normal mouse aggregation chimeras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 12553-12558.	3.3	5
183	A mutated HLA-A*0101 allele in the colorectal cell line HCA-7. <i>Tissue Antigens</i> , 2005, 66, 231-237.	1.0	5
184	Somatic selection of poorly differentiating variant stem cell clones could be a key to human ageing. <i>Journal of Theoretical Biology</i> , 2020, 489, 110153.	0.8	5
185	Population stratification as an explanation of IQ and ABO association (reply). <i>Nature</i> , 1975, 254, 363-364.	13.7	4
186	The Role of TGF β s in Controlling Cell Adhesion and Differentiation of Colon Carcinoma Cells. <i>Annals of the New York Academy of Sciences</i> , 1990, 593, 360-362.	1.8	4
187	Genomic and cDNA sequence analysis of the cell matrix adhesion regulator gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 14578-14583.	3.3	4
188	Sam Karlin: A personal appreciation. <i>Theoretical Population Biology</i> , 2009, 75, 230-232.	0.5	4
189	Commentary: Connections between genetics and statistics: a commentary on Fisher's 1951 Bateson lecture--'Statistical Methods in Genetics'. <i>International Journal of Epidemiology</i> , 2010, 39, 340-344.	0.9	4
190	Joshua Lederberg. 23 May 1925 – 2 February 2008. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 2011, 57, 229-251.	0.1	3
191	A Mathematician's Odyssey. <i>Annual Review of Genomics and Human Genetics</i> , 2015, 16, 1-29.	2.5	3
192	Molecular analysis of the HLA-D region genes. <i>Human Immunology</i> , 1983, 8, 105-112.	1.2	2
193	Isolation of a polymorphic DNA sequence (Î»EMBL3.2S7, D8S8) from chromosome 8. <i>Nucleic Acids Research</i> , 1986, 14, 9224-9224.	6.5	2
194	A new RFLP for L1.4 (D5S4) an anonymous genomic clone localised to chromosome 5. <i>Nucleic Acids Research</i> , 1987, 15, 6762-6762.	6.5	2
195	Where Will Genome Analysis Lead Us Forty Years On?. <i>Annals of the New York Academy of Sciences</i> , 1995, 758, 414-426.	1.8	2
196	Isolation of a polymorphic DNA sequence (Î»EMBL3.121, D14S12) from chromosome 14. <i>Nucleic Acids Research</i> , 1986, 14, 9225-9225.	6.5	1
197	UNDIFFERENTIATED CELLS, METAPLASIA, c-myc EXPRESSION, AND GASTROINTESTINAL CARCINOGENESIS. <i>Lancet</i> , The, 1989, 333, 566-567.	6.3	1
198	A fluorescence based cell adhesion assay using terasaki plates. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1995, 31, 81-83.	0.7	1

#	ARTICLE	IF	CITATIONS
199	Genetic testing and insurance. Nature, 1996, 380, 384-385.	13.7	1
200	Reply: In vitro and in vivo anticancer efficacy of unconjugated humanised anti-CEA monoclonal antibodies. British Journal of Cancer, 2008, 99, 839-840.	2.9	1
201	Jon Van Rood. International Journal of Immunogenetics, 2017, 44, 271-273.	0.8	1
202	Development and validation of ColoScape: A new colorectal cancer mutation detection assay.. Journal of Clinical Oncology, 2018, 36, e24189-e24189.	0.8	1
203	Molecular and Genetic Organization: The Future. Novartis Foundation Symposium, 1979, , 395-411.	1.2	1
204	Isolation of a DNA sequence (Î»EMBL3.123, D4S64) from chromosome 4 showing a BglIII polymorphism. Nucleic Acids Research, 1987, 15, 1342-1342.	6.5	0
205	Isolation of a polymorphic DNA sequence (Î»EMBL3.303, D2S14) from chromosome 2. Nucleic Acids Research, 1987, 15, 1341-1341.	6.5	0
206	The influence of charitable foundations on medical research policy. Journal of Medical Engineering and Technology, 1994, 18, 138-142.	0.8	0
207	Clinical features and molecular analysis of a family with multiple colon tumours and reduced plasminogen activator activity. International Journal of Colorectal Disease, 1997, 12, 1-3.	1.0	0
208	A Haldane perspective from a Fisher student. Journal of Genetics, 2017, 96, 743-746.	0.4	0
209	Connecting gene expression subtypes of colorectal cancer (CRC) with cell lines and drug resistance.. Journal of Clinical Oncology, 2013, 31, e14544-e14544.	0.8	0
210	A novel xenonucleic acid mediated molecular clamping technology for early colorectal cancer diagnostics.. Journal of Clinical Oncology, 2020, 38, e16106-e16106.	0.8	0
211	Blood Lines of the British People. , 2022, , 84-117.		0