George Blair

List of Publications by Year
in descending order

106	3,709	136950	138484
papers	citations	32 h-index	58 g-index

108	108	108	3792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein synthesis in chloroplasts I. Light-driven synthesis of the large subunit of Fraction I protein by isolated pea chloroplasts. Nucleic Acids and Protein Synthesis, 1973, 319, 223-234.	1.7	311
2	Prognostic value of p53 overexpression and c-Ki-ras gene mutations in colorectal cancer. Gastroenterology, 1993, 104, 57-64.	1.3	240
3	p53 in colorectal cancer: clinicopathological correlation and prognostic significance. British Journal of Cancer, 1991, 63, 317-319.	6.4	226
4	A review on viral biosensors to detect human pathogens. Analytica Chimica Acta, 2010, 681, 8-15.	5.4	200
5	NFÎºB1 is a suppressor of neutrophil-driven hepatocellular carcinoma. Nature Communications, 2015, 6, 6818.	12.8	131
6	Transcriptional regulation of the major histocompatibility complex (MHC) class I heavy chain, TAP1 and LMP2 genes by the human papillomavirus (HPV) type 6b, 16 and 18 E7 oncoproteins. Oncogene, 2000, 19, 4930-4935.	5.9	127
7	The pathogenicity of Clostridium difficile. Clinical Microbiology and Infection, 2001, 7, 421-427.	6.0	123
8	Polypeptide Phosphorylation in Adenovirus-Infected Cells. Journal of General Virology, 1977, 34, 19-35.	2.9	121
9	Dendritic cells: Immunological sentinels with a central role in health and disease. Immunology and Cell Biology, 2000, 78, 91-102.	2.3	115
10	High-Risk Human Papillomavirus E5 Oncoprotein Displays Channel-Forming Activity Sensitive to Small-Molecule Inhibitors. Journal of Virology, 2012, 86, 5341-5351.	3.4	95
11	Expression and interactions of human adenovirus oncoproteins. Biochemical Journal, 1991, 275, 281-299.	3.7	92
12	Characterization of Adenovirus Protein IX. Journal of General Virology, 1979, 44, 783-800.	2.9	80
13	DNA stability in plant tissues: implications for the possible transfer of genes from genetically modified food. FEBS Letters, 2000, 481, 164-168.	2.8	79
14	Merkel Cell Polyomavirus Small T Antigen Targets the NEMO Adaptor Protein To Disrupt Inflammatory Signaling. Journal of Virology, 2013, 87, 13853-13867.	3.4	78
15	Novel molecular approaches to cystic fibrosis gene therapy. Biochemical Journal, 2005, 387, 1-15.	3.7	73
16	Analysis of pancreas tissue in a child positive for islet cell antibodies. Diabetologia, 2008, 51, 1796-1802.	6.3	69
17	Restricted replication of human adenovirus type 5 in mouse cell lines. Virus Research, 1989, 14, 339-346.	2.2	66
18	Coxsackie and adenovirus receptor (CAR)-dependent and major histocompatibility complex (MHC) class I-independent uptake of recombinant adenoviruses into human tumour cells. Gene Therapy, 1999, 6, 1512-1519.	4.5	64

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19	High-risk human papillomavirus E7 expression reduces cell-surface MHC class I molecules and increases susceptibility to natural killer cells. Oncogene, 2008, 27, 1794-1799.	5.9	57
20	Merkel Cell Polyomavirus Small T Antigen Mediates Microtubule Destabilization To Promote Cell Motility and Migration. Journal of Virology, 2015, 89, 35-47.	3.4	56
21	Mechanism of Synergy of Levamisole and Fluorouracil: Induction of Human Leukocyte Antigen Class I in a Colorectal Cancer Cell Line. Journal of the National Cancer Institute, 1995, 87, 489-496.	6.3	52
22	A Human NK Cell Activation/Inhibition Threshold Allows Small Changes in the Target Cell Surface Phenotype To Dramatically Alter Susceptibility to NK Cells. Journal of Immunology, 2011, 186, 1538-1545.	0.8	49
23	Adenovirus core protein VII contains distinct sequences that mediate targeting to the nucleus and nucleolus, and colocalization with human chromosomes. Journal of General Virology, 2003, 84, 3423-3428.	2.9	47
24	MicroRNA-18a targeting of the STK4/MST1 tumour suppressor is necessary for transformation in HPV positive cervical cancer. PLoS Pathogens, 2020, 16, e1008624.	4.7	46
25	Identification of a protein kinase activity associated with human adenoviruses. Virology, 1978, 86, 157-166.	2.4	41
26	p53 expression and K-ras mutation in colorectal adenomas.. Gut, 1993, 34, 621-624.	12.1	41
27	Blocking oncogenic RAS enhances tumour cell surface MHC class I expression but does not alter susceptibility to cytotoxic lymphocytes. Molecular Immunology, 2014, 58, 160-168.	2.2	41
28	The temporal and cellular expression of c-fos and c-jun in mechanically stimulated rabbit latissimus dorsi muscle. Biochemical Journal, 1995, 308, 465-471.	3.7	40
29	Lack of a Serologic Response to an E1B Protein of Adenovirus 12 in Coeliac Disease. Scandinavian Journal of Gastroenterology, 1989, 24, 282-286.	1.5	39
30	Is persistent adenovirus 12 infection involved in coeliac disease? A search for viral DNA using the polymerase chain reaction.. Gut, 1991, 32, 1114-1116.	12.1	38
31	The human papillomavirus (HPV) E7 protein antagonises an Imiquimod-induced inflammatory pathway in primary human keratinocytes. Scientific Reports, 2015, 5, 12922.	3.3	35
32	Unity and diversity in the human adenoviruses: exploiting alternative entry pathways for gene therapy. Biochemical Journal, 2010, 431, 321-336.	3.7	34
33	Expression of the CUB domain containing protein 1 (CDCP1) gene in colorectal tumour cells. FEBS Letters, 2007, 581, 1137-1142.	2.8	33
34	Nuclear proteins binding to an enhancer element of the major histocompatibility class I promoter: Differences between highly oncogenic and nononcogenic adenovirus-transformed rat cells. Virology, 1989, 172, 643-646.	2.4	32
35	Protein Crystals in Adenovirus Type 5-Infected Cells: Requirements for Intranuclear Crystallogenesis, Structural and Functional Analysis. PLoS ONE, 2008, 3, e2894.	2.5	32
36	Human Papillomavirus E7 Oncoprotein Increases Production of the Anti-Inflammatory Interleukin-18 Binding Protein in Keratinocytes. Journal of Virology, 2014, 88, 4173-4179.	3.4	32

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37	Nuclear actin is partially associated with Cajal bodies in human cells in culture and relocates to the nuclear periphery after infection of cells by adenovirus 5. Experimental Cell Research, 2005, 303, 229-239.	2.6	31
38	An RNA Aptamer Provides a Novel Approach for the Induction of Apoptosis by Targeting the HPV16 E7 Oncoprotein. PLoS ONE, 2013, 8, e64781.	2.5	29
39	The MHC-encoded TAP1/LMP2 bidirectional promoter is down-regulated in highly oncogenic adenovirus type 12 transformed cells. FEBS Letters, 1997, 400, 141-144.	2.8	26
40	Impact of Human Adenovirus Type 3 Dodecahedron on Host Cells and Its Potential Role in Viral Infection. Journal of Virology, 2012, 86, 5380-5385.	3.4	26
41	Adenovirus 12-mediated down-regulation of the major histocompatibility complex (MHC) class I promoter: identification of a negative regulatory element responsive to Ad12 E1A. Nucleic Acids Research, 1994, 22, 4779-4788.	14.5	25
42	Novel impedimetric immunosensor for the detection and quantitation of Adenovirus using reduced antibody fragments immobilized onto a conducting copolymer surface. Biosensors and Bioelectronics, 2012, 32, 104-110.	10.1	25
43	Cellular sheddases are induced by Merkel cell polyomavirus small tumour antigen to mediate cell dissociation and invasiveness. PLoS Pathogens, 2018, 14, e1007276.	4.7	24
44	An RNA Aptamer Targets the PDZ-Binding Motif of the HPV16 E6 Oncoprotein. Cancers, 2014, 6, 1553-1569.	3.7	23
45	Functional identity of a mouse ascites and a rabbit reticulocyte initiation factor required for natural mRNA translation. Nature, 1977, 265, 651-653.	27.8	22
46	The role of Cajal bodies in the expression of late phase adenovirus proteins. Virology, 2010, 399, 299-311.	2.4	22
47	Merkel Cell Polyomavirus Small T Antigen Drives Cell Motility via Rho-GTPase-Induced Filopodium Formation. Journal of Virology, 2018, 92, .	3.4	22
48	Engineered expression of the Coxsackie B and adenovirus receptor (CAR) in human dendritic cells enhances recombinant adenovirus-mediated gene transfer. Journal of Immunological Methods, 2002, 259, 205-215.	1.4	21
49	The cellular chloride channels CLIC1 and CLIC4 contribute to virus-mediated cell motility. Journal of Biological Chemistry, 2018, 293, 4582-4590.	3.4	21
50	Effects of single nucleotide changes on the binding and activity of RNA aptamers to human papillomavirus 16 E7 oncoprotein. Biochemical and Biophysical Research Communications, 2011, 405, 417-421.	2.1	20
51	The Subcellular Localisation of the Human Papillomavirus (HPV) 16 E7 Protein in Cervical Cancer Cells and Its Perturbation by RNA Aptamers. Viruses, 2015, 7, 3443-3461.	3.3	19
52	Light-driven synthesis of the large subunit of fraction I protein by isolated chloroplasts. Biochemical Journal, 1972, 127, 42P-42P.	3.1	18
53	Rapid detection of enteric adenoviruses by means of the polymerase chain reaction. Journal of Infection, 1993, 27, 271-275.	3.3	17
54	Cancer and the immune system: an overview. Oncogene, 2008, 27, 5868-5868.	5.9	17

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55	Molecular biology and coeliac disease.. Gut, 1992, 33, 573-575.	12.1	16
56	Defining the role of CD46, CD80 and CD86 in mediating adenovirus type 3 fiber interactions with host cells. Virology, 2009, 392, 222-229.	2.4	14
57	Regulation of myelin basic protein-encoding gene transcription in rat oligodendrocytes. Gene, 1994, 150, 227-234.	2.2	13
58	ADP-ribosylation in in vitro Systems Synthesizing Adenovirus DNA. Journal of General Virology, 1983, 64, 477-483.	2.9	12
59	The use of monoclonal antibodies to study the proteins specified by the transforming region of human adenoviruses. Biochemical Journal, 1985, 225, 649-655.	3.7	12
60	Identification of the BCL2/adenovirus E1B-19K protein-interacting protein 2 (BNIP-2) as a granzyme B target during human natural killer cell-mediated killing. Biochemical Journal, 2010, 431, 423-431.	3.7	12
61	CUB Domain Containing Protein 1 (CDCP1) modulates adhesion and motility in colon cancer cells. BMC Cancer, 2014, 14, 754.	2.6	12
62	Evasion of the Immune System by Adenoviruses. Current Topics in Microbiology and Immunology, 2004, 273, 3-28.	1.1	12
63	Phosphorylation of Iridescent Virus Polypeptides in vitro. Journal of General Virology, 1980, 48, 205-211.	2.9	11
64	Human Adenoviruses: Evading Detection by Cytotoxic T Lymphocytes. Seminars in Virology, 1998, 8, 387-397.	3.9	11
65	Transcriptional regulation of MHC class I gene expression in rat oligodendrocytes. Biochemical Journal, 1998, 330, 155-161.	3.7	11
66	Phosphorylation of Ribosomes in Adenovirus Infection. Biochemical Society Transactions, 1977, 5, 660-661.	3.4	10
67	Characterization of Two Temperature-sensitive Mutants of Adenovirus Type 5. Journal of General Virology, 1979, 43, 531-540.	2.9	10
68	The Human Adenovirus Type 5 E4orf6/E1B55K E3 Ubiquitin Ligase Complex Enhances E1A Functional Activity. MSphere, 2016, 1, .	2.9	10
69	Stable and temperature-sensitive transformation of baby rat kidney cells by SV40 suppresses expression of membrane dipeptidase. Oncogene, 1997, 15, 1241-1245.	5.9	9
70	The Specificity of the Myelin Basic Protein Gene Promoter Studied in Transgenic Mice. Biochemical and Biophysical Research Communications, 2001, 288, 809-818.	2.1	8
71	Interferon-Î³ regulation of major histocompatibility class i gene expression in rat cells containing the adenovirus 12 E1 a oncogene. Virology, 1990, 174, 325-328.	2.4	7
72	The immunomodulatory effect of levamisole is influenced by postoperative changes and type of lymphocyte stimulant. Cancer Immunology, Immunotherapy, 1995, 41, 193-198.	4.2	7

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73	Purification and characterization of the messenger RNA for the heavy chain of rat immunoglobulin E. Nucleic Acids Research, 1981, 9, 4547-4555.	14.5	6
74	Differential expression of LFA-3, Fas and MHC Class I on Ad5- and Ad12-transformed human cells and their susceptibility to lymphokine-activated killer (LAK) cells. Virology, 2005, 338, 297-308.	2.4	6
75	Identification of genes differentially expressed as result of adenovirus type 5- and adenovirus type 12-transformation. BMC Genomics, 2009, 10, 67.	2.8	6
76	The Human Adenovirus Type 5 E4orf6/E1B55K E3 Ubiquitin Ligase Complex Can Mimic E1A Effects on E2F. MSphere, 2016, 1, .	2.9	6
77	Blood Coagulation Factor X Exerts Differential Effects on Adenovirus Entry into Human Lymphocytes. Viruses, 2018, 10, 20.	3.3	5
78	A Flow Cytometric Assay for Analysis of Natural-Killer Cell-Mediated Cytolysis of Adenovirus-Transformed Cells. Methods in Molecular Medicine, 2007, 131, 221-230.	0.8	5
79	The Purification and Properties of Two Low-Molecular-Weight Proteins Required for the Initiation of Translation in Ascites Tumour Cells. FEBS Journal, 1977, 77, 209-216.	0.2	3
80	The synthesis and intracellular localization of adenovirus hexon protein studied by microinjection of mRNA into human cells. Experimental Cell Research, 1982, 140, 461-464.	2.6	3
81	Expression of hamster MHC class I antigens in transformed cells and tumours induced by human adenoviruses. European Journal of Cancer & Clinical Oncology, 1988, 24, 1745-1750.	0.7	3
82	Agarose gel electrophoresis of DNA using aluminium electrodes and a 12 volt mains adaptor as power supply unit. Biochemical Education, 1989, 17, 150-151.	0.1	3
83	Adsorption of DNA onto positively charged amidine colloidal spheres and the resultant bridging interaction. International Journal of Biological Macromolecules, 2007, 41, 146-153.	7.5	3
84	The roles of cell surface attachment molecules and coagulation Factor X in adenovirus 5-mediated gene transfer in pancreatic cancer cells. Cancer Gene Therapy, 2011, 18, 478-488.	4.6	3
85	The polymerase chain reaction â€" already an established technique in biochemistry. Biochemical Education, 1992, 20, 87-91.	0.1	2
86	Cell-type specific factors bind to regulatory elements located downstream of the TATA-box element in the mouse myelin basic protein (MBP) gene promoter. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1998, 1395, 127-134.	2.4	2
87	Adenoviral vectors: Adenoviral vectors, breaking a barrier to gene therapy?. Gene Therapy, 2004, 11, 229-230.	4.5	2
88	Biosynthesis of 2â€², 3â€²-cyclic nucleotide 3â€²-phosphodiesterase (Wolfgram proteins) in rat brain and glioma cells. Biochemical Society Transactions, 1988, 16, 212-213.	3.4	1
89	Immunochemical analysis of myelin proteins of the rat central nervous system. Biochemical Society Transactions, 1988, 16, 614-615.	3.4	1
90	Analysis of recombinant plasmids containing cloned viral genes by agarose gel electrophoresis and restriction endonuclease digestion. Biochemical Society Transactions, 1988, 16, 763-764.	3.4	1

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91	Practical molecular biology for students: An integrated approach to teaching basic techniques. Biochemical Education, 1990, 18, 141-144.	0.1	1
92	The role of adenovirus oncogenes in down-regulation of major histocompatibility class I gene expression. Biochemical Society Transactions, 1991, 19, 84S-84S.	3.4	1
93	Regulation of myelin basic protein gene transcription in glial cells. Biochemical Society Transactions, 1991, 19, 85S-85S.	3.4	1
94	The role of neurotrophins in pathological pain states: A novel transgenic rat model of hyperalgesia. Biochemical Society Transactions, 1997, 25, 209S-209S.	3.4	1
95	Studies on the down-regulation of major histocompatibility complex class I gene expression in adenovirus-transformed cells. Biochemical Society Transactions, 1997, 25, 352S-352S.	3.4	1
96	The mechanism of down-regulation of major histocompatibility complex (MHC) class I antigens in highly oncogenic adenovirus 12-transformed cells. Biochemical Society Transactions, 1997, 25, 353S-353S.	3.4	1
97	The production of a transgenic rat expressing nerve growth factor using cell-type specific keratin promoters. Biochemical Society Transactions, 1998, 26, S144-S144.	3.4	1
98	MHC expression in HPV-associated cervical cancer. , 1995, , 233-250.		1
99	The molecular biology of tumor viruses. Second edition. Part 2 Revised. DNA tumor viruses. Biochemical Education, 1983, 11, 44.	0.1	0
100	Title is missing!. Biochemical Education, 1984, 12, 46.	0.1	0
101	Modulation of expression of class I MHC genes in rodent cells transformed by human adenoviruses which differ in their oncogenic potential. European Journal of Cancer & Clinical Oncology, 1987, 23, 1725.	0.7	0
102	Expression of the transformation-associated protein p53 in rodent cells transformed by human adenoviruses which differ in their oncogenic potential. European Journal of Cancer & Clinical Oncology, 1987, 23, 1736.	0.7	0
103	Modulation of expression of major histocompatibility class I genes in highly oncogenic adenovirus-transformed rat cells. Biochemical Society Transactions, 1988, 16, 605-606.	3.4	0
104	The effect of interferons on the expression of major histocompatibility class I genes in adenovirus â€“ transformed cells. Biochemical Society Transactions, 1991, 19, 83S-83S.	3.4	0
105	The down-regulation of MHC class I antigens in rat oligodendrocytes is mediated by negative regulatory elements in the class I promoter. Biochemical Society Transactions, 1997, 25, 165S-165S.	3.4	0
106	Identification and characterisation of a cDNA encoding a 17-kDa isoform of rat myelin basic protein. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2003, 1630, 47-53.	2.4	0