Timothy E Adams

List of Publications by Year
in descending order

77 papers	5,104 citations	117625 34 h-index	88630 70 g-index
77 all docs	77 docs citations	77 times ranked	5695 citing authors

#	Article	IF	Citations
1	Koala and Wombat Gammaherpesviruses Encode the First Known Viral NTPDase Homologs and Are Phylogenetically Divergent from All Known Gammaherpesviruses. Journal of Virology, 2019, 93, .	3.4	2
2	Investigation onto the correlation between systemic antibodies to surface glycoproteins of infectious laryngotracheitis virus (ILTV) and protective immunity. Veterinary Microbiology, 2019, 228, 252-258.	1.9	4
3	Structural characterization of a novel monotreme-specific protein with antimicrobial activity from the milk of the platypus. Acta Crystallographica Section F, Structural Biology Communications, 2018, 74, 39-45.	0.8	10
4	Electrostatic Interactions between Hendra Virus Matrix Proteins Are Required for Efficient Virus-Like-Particle Assembly. Journal of Virology, 2018, 92, .	3.4	21
5	CD52 inhibits Toll-like receptor activation of NF-ÎºB and triggers apoptosis to suppress inflammation. Cell Death and Differentiation, 2018, 25, 392-405.	11.2	42
6	C6orf106 is a novel inhibitor of the interferon-regulatory factor 3â€“dependent innate antiviral response. Journal of Biological Chemistry, 2018, 293, 10561-10573.	3.4	14
7	Differential Sensitivity of Human Hepatocellular Carcinoma Xenografts to an IGF-II Neutralizing Antibody May Involve Activated STAT3. Translational Oncology, 2018, 11, 971-978.	3.7	5
8	Activation of ERBB4 in Glioblastoma Can Contribute to Increased Tumorigenicity and Influence Therapeutic Response. Cancers, 2018, 10, 243.	3.7	18
9	CD52 glycan binds the proinflammatory B box of HMGB1 to engage the Siglec-10 receptor and suppress human T cell function. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7783-7788.	7.1	55
10	Development of an anti-ferret CD4 monoclonal antibody for the characterisation of ferret T lymphocytes. Journal of Immunological Methods, 2017, 444, 29-35.	1.4	7
11	New Monoclonal Antibodies to Defined Cell Surface Proteins on Human Pluripotent Stem Cells. Stem Cells, 2017, 35, 626-640.	3.2	18
12	Structural and functional characterisation of ferret interleukin-2. Developmental and Comparative Immunology, 2016, 55, 32-38.	2.3	2
13	Incomplete target neutralization by the anti-cancer antibody rilotumumab. MAbs, 2016, 8, 246-252.	5.2	16
14	Genome-wide siRNA Screening at Biosafety Level 4 Reveals a Crucial Role for Fibrillarin in Henipavirus Infection. PLoS Pathogens, 2016, 12, e1005478.	4.7	38
15	Structural and biochemical analyses of aClostridium perfringenssortase D transpeptidase. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 1505-1513.	2.5	14
16	Blood-Based Protein Biomarker Panel for the Detection of Colorectal Cancer. PLoS ONE, 2015, 10, e0120425.	2.5	59
17	EGFRvIII-mediated transactivation of receptor tyrosine kinases in glioma: mechanism and therapeutic implications. Oncogene, 2015, 34, 5277-5287.	5.9	40
18	Glioma-specific Domain IV EGFR cysteine mutations promote ligand-induced covalent receptor dimerization and display enhanced sensitivity to dacomitinib in vivo.. Oncogene, 2015, 34, 1658-1666.	5.9	19

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19	Notch ligand delta-like1: X-ray crystal structure and binding affinity. Biochemical Journal, 2015, 468, 159-166.	3.7	32
20	LRIG1 Extracellular Domain: Structure and Function Analysis. Journal of Molecular Biology, 2015, 427, 1934-1948.	4.2	13
21	The structure of vanin 1: a key enzyme linking metabolic disease and inflammation. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 3320-3329.	2.5	37
22	Comparison of alternative nucleophiles for Sortase A-mediated bioconjugation and application in neuronal cell labelling. Organic and Biomolecular Chemistry, 2014, 12, 2675-2685.	2.8	19
23	Colorectal cancer biomarkers: To be or not to be? Cautionary tales from a road well travelled. World Journal of Gastroenterology, 2014, 20, 888.	3.3	21
24	Megakaryocytes co-localise with hemopoietic stem cells and release cytokines that up-regulate stem cell proliferation. Stem Cell Research, 2013, 11, 782-792.	0.7	103
25	Biochemical Characterization of Individual Human Glycosylated pro-Insulin-like Growth Factor (IGF)-II and big-IGF-II Isoforms Associated with Cancer. Journal of Biological Chemistry, 2013, 288, 59-68.	3.4	35
26	Structural Model for the Interaction of a Designed Ankyrin Repeat Protein with the Human Epidermal Growth Factor Receptor 2. PLoS ONE, 2013, 8, e59163.	2.5	17
27	Preparation of human vascular endothelial growth factor-D for structural and preclinical therapeutic studies. Protein Expression and Purification, 2012, 82, 232-239.	1.3	15
28	A high-affinity ErbB4Fc fusion protein is a potent antagonist of heregulin-mediated receptor activation. Growth Factors, 2012, 30, 310-319.	1.7	4
29	Taking down the FLAG! How Insect Cell Expression Challenges an Established Tag-System. PLoS ONE, 2012, 7, e37779.	2.5	21
30	Engineering of an antiâ€epidermal growth factor receptor antibody to single chain format and labeling by sortase Aâ€mediated protein ligation. Biotechnology and Bioengineering, 2012, 109, 1461-1470.	3.3	51
31	Glioma Specific Extracellular Missense Mutations in the First Cysteine Rich Region of Epidermal Growth Factor Receptor (EGFR) Initiate Ligand Independent Activation. Cancers, 2011, 3, 2032-2049.	3.7	39
32	Direct involvement of the TEN domain at the active site of human telomerase. Nucleic Acids Research, 2011, 39, 1774-1788.	14.5	47
33	A new crystal form of human vascular adhesion protein 1. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1572-1578.	0.7	16
34	A Human Monoclonal Antibody against Insulin-Like Growth Factor-II Blocks the Growth of Human Hepatocellular Carcinoma Cell Lines In vitro and In vivo. Molecular Cancer Therapeutics, 2010, 9, 1809-1819.	4.1	39
35	Antibodies specifically targeting a locally misfolded region of tumor associated EGFR. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5082-5087.	7.1	69
36	Crystallization and preliminary X-ray analysis of the complexes between a Fab and two forms of human insulin-like growth factor II. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 945-948.	0.7	1

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37	Solution Structure of Ectodomains of the Insulin Receptor Family: The Ectodomain of the Type 1 Insulin-Like Growth Factor Receptor Displays Asymmetry of Ligand Binding Accompanied by Limited Conformational Change. Journal of Molecular Biology, 2009, 394, 878-892.	4.2	32
38	Total Synthesis of the Potent Anticancer Aglaia Metabolites (â˜')-Silvestrol and (â˜')-Episilvestrol and the Active Analogue (â˜')-4â€²-Desmethoxyepisilvestrol. Journal of the American Chemical Society, 2009, 131, 1607-1616.	13.7	78
39	A truncated soluble epidermal growth factor receptor-Fc fusion ligand trap displays anti-tumour activityin vivo. Growth Factors, 2009, 27, 141-154.	1.7	19
40	Structural insights into ligandâ€induced activation of the insulin receptor. Acta Physiologica, 2008, 192, 3-9.	3.8	50
41	The insulin and EGF receptor structures: new insights into ligand-induced receptor activation. Trends in Biochemical Sciences, 2007, 32, 129-137.	7.5	122
42	Structure of the insulin receptor ectodomain reveals a folded-over conformation. Nature, 2006, 443, 218-221.	27.8	277
43	Positive and negative regulatory elements in the late lactation protein-A gene promoter from the tammar wallaby (Macropus eugenii). Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2005, 1728, 65-76.	2.4	7
44	UV induced responses of the human epidermal IGF system: Impaired anti-apoptotic effects of IGF-I in HaCaT keratinocytes. Growth Factors, 2005, 23, 151-159.	1.7	6
45	CR1/CR2 Interactions Modulate the Functions of the Cell Surface Epidermal Growth Factor Receptor. Journal of Biological Chemistry, 2004, 279, 22387-22398.	3.4	75
46	Mini ReviewSignalling by the Type 1 Insulin-like Growth Factor Receptor: Interplay with the Epidermal Growth Factor Receptor. Growth Factors, 2004, 22, 89-95.	1.7	92
47	Identification of the Epitope for the Epidermal Growth Factor Receptor-specific Monoclonal Antibody 806 Reveals That It Preferentially Recognizes an Untethered Form of the Receptor. Journal of Biological Chemistry, 2004, 279, 30375-30384.	3.4	122
48	The Crystal Structure of a Truncated ErbB2 Ectodomain Reveals an Active Conformation, Poised to Interact with Other ErbB Receptors. Molecular Cell, 2003, 11, 495-505.	9.7	510
49	Crystal Structure of a Truncated Epidermal Growth Factor Receptor Extracellular Domain Bound to Transforming Growth Factor Î±. Cell, 2002, 110, 763-773.	28.9	686
50	Prevention of Diabetes-Induced Albuminuria in Transgenic Rats Overexpressing Human Aldose Reductase. Endocrine, 2002, 18, 47-56.	2.2	4
51	Growth Enhancement in Suppressor of Cytokine Signaling 2 (SOCS-2)-Deficient Mice Is Dependent on Signal Transducer and Activator of Transcription 5b (STAT5b). Molecular Endocrinology, 2002, 16, 1394-1406.	3.7	46
52	Identification of a Determinant of Epidermal Growth Factor Receptor Ligand-Binding Specificity Using a Truncated, High-Affinity Form of the Ectodomain. Biochemistry, 2001, 40, 8930-8939.	2.5	85
53	Overexpressed growth hormone (GH) synergistically promotes carcinogen-initiated liver tumour growth by promoting cellular proliferation in emerging hepatocellular neoplasms in female and male GH-transgenic mice. Liver, 2001, 21, 149-158.	0.1	20
54	The three dimensional structure of the type I insulin-like growth factor receptor. Journal of Clinical Pathology, 2001, 54, 125-132.	1.9	57

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55	Structure and function of the type 1 insulin-like growth factor receptor. Cellular and Molecular Life Sciences, 2000, 57, 1050-1093.	5.4	503
56	Properties of an insulin receptor with an IGF-1 receptor loop exchange in the cysteine-rich region. FEBS Letters, 2000, 469, 57-60.	2.8	15
57	High, persistent hepatocellular proliferation and apoptosis precede hepatocarcinogenesis in growth hormone transgenic mice. Liver International, 1999, 19, 242-252.	3.9	47
58	STAT5b mediates the GH-induced expression of SOCS-2 and SOCS-3 mRNA in the liver. Molecular and Cellular Endocrinology, 1999, 158, 111-116.	3.2	108
59	Transcription from the P2 promoter of the growth hormone receptor gene involves members of the Sp transcription factor family. Biochemical Journal, 1999, 344, 867.	3.7	3
60	Growth Hormone Preferentially Induces the Rapid, Transient Expression of SOCS-3, a Novel Inhibitor of Cytokine Receptor Signaling. Journal of Biological Chemistry, 1998, 273, 1285-1287.	3.4	283
61	Comparison of intrahepatic lymphocytes from normal and growth hormone transgenic mice with chronic hepatitis and liver cancer. Immunology, 1997, 90, 412-420.	4.4	17
62	Methylation and expression of a metallothionein promoter ovine growth hormone fusion gene (MToGH1) in transgenic mice. Transgenic Research, 1995, 4, 114-122.	2.4	13
63	Differential expression of growth hormone receptor messenger RNA from a second promoter. Molecular and Cellular Endocrinology, 1995, 108, 23-33.	3.2	45
64	Impaired glucose tolerance and increased weight gain in transgenic rats overexpressing a non-insulin-responsive phosphoenolpyruvate carboxykinase gene. Molecular Endocrinology, 1995, 9, 1396-1404.	3.7	29
65	Optimization of Experimental Variables Influencing Reporter Gene Expression in Hepatoma Cells Following Calcium Phosphate Transfection. DNA and Cell Biology, 1994, 13, 1227-1232.	1.9	91
66	Identification of a liver-specific promoter for the ovine growth hormone receptor. Molecular and Cellular Endocrinology, 1994, 101, 129-139.	3.2	49
67	Functional expression of an ovine growth hormone receptor in transfected Chinese hamster ovary cells. Molecular and Cellular Endocrinology, 1992, 86, 37-47.	3.2	25
68	Production of methionyl-minus ovine growth hormone in Escherichia coli and one-step purification. Gene, 1992, 122, 371-375.	2.2	15
69	Removal of 3'Untranslated Sequences Dramatically Enhances Transient Expression of Ovine Follicle-Stimulating Hormone Beta Gene Messenger Ribonucleic Acid. Journal of Neuroendocrinology, 1992, 4, 655-658.	2.6	9
70	Developmental and tissue-specific regulation of ovine insulin-like growth factor II (IGF-II) mRNA expression. Molecular and Cellular Endocrinology, 1991, 78, 87-96.	3.2	34
71	The sheep growth hormone receptor: Molecular cloning and ontogeny of mRNA expression in the liver. Molecular and Cellular Endocrinology, 1990, 73, 135-145.	3.2	126
72	Nucleotide sequence of an ovine Insulin-like growth factor-II cDNA. Nucleic Acids Research, 1989, 17, 5392-5392.	14.5	28

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73	Cloning and DNA sequence analysis of the cDNA for the common Î±-subunit of the ovine pitultary glycoprotein hormones. Nucleic Acids Research, 1989, 17, 10494-10494.	14.5	24
74	Cloning and nucleotide sequence of an ovine prolactin cDNA. Nucleic Acids Research, 1989, 17, 440-440.	14.5	12
75	Cloning and DNA sequence analysis of the cDNA for the precursor of ovine follicle stimulating hormone Î²-subunit. Nucleic Acids Research, 1989, 17, 6391-6391.	14.5	29
76	Non-tolerance and autoantibodies to a transgenic self antigen expressed in pancreatic Î² cells. Nature, 1987, 325, 223-228.	27.8	269
77	A monoclonal antibody that detects HLA-D region antigen in routinely fixed, wax embedded sections of normal and neoplastic lymphoid tissues.. Journal of Clinical Pathology, 1985, 38, 12-17.	2.0	79