

Timothy E Adams

List of Publications by Year in descending order

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76
papers

5,104
citations

126708

33
h-index

88477

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. <i>Journal of Virology</i> , 2019, 93, .	1.5	2
2	Investigation onto the correlation between systemic antibodies to surface glycoproteins of infectious laryngotracheitis virus (ILTV) and protective immunity. <i>Veterinary Microbiology</i> , 2019, 228, 252-258.	0.8	4
3	Structural characterization of a novel monotreme-specific protein with antimicrobial activity from the milk of the platypus. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 39-45.	0.4	10
4	Electrostatic Interactions between Hendra Virus Matrix Proteins Are Required for Efficient Virus-Like-Particle Assembly. <i>Journal of Virology</i> , 2018, 92, .	1.5	21
5	CD52 inhibits Toll-like receptor activation of NF- κ B and triggers apoptosis to suppress inflammation. <i>Cell Death and Differentiation</i> , 2018, 25, 392-405.	5.0	42
6	C6orf106 is a novel inhibitor of the interferon-regulatory factor 3 α dependent innate antiviral response. <i>Journal of Biological Chemistry</i> , 2018, 293, 10561-10573.	1.6	14
7	Differential Sensitivity of Human Hepatocellular Carcinoma Xenografts to an IGF-II Neutralizing Antibody May Involve Activated STAT3. <i>Translational Oncology</i> , 2018, 11, 971-978.	1.7	5
8	Activation of ERBB4 in Glioblastoma Can Contribute to Increased Tumorigenicity and Influence Therapeutic Response. <i>Cancers</i> , 2018, 10, 243.	1.7	18
9	CD52 glycan binds the proinflammatory B box of HMGB1 to engage the Siglec-10 receptor and suppress human T cell function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7783-7788.	3.3	55
10	Development of an anti-ferret CD4 monoclonal antibody for the characterisation of ferret T lymphocytes. <i>Journal of Immunological Methods</i> , 2017, 444, 29-35.	0.6	7
11	New Monoclonal Antibodies to Defined Cell Surface Proteins on Human Pluripotent Stem Cells. <i>Stem Cells</i> , 2017, 35, 626-640.	1.4	18
12	Structural and functional characterisation of ferret interleukin-2. <i>Developmental and Comparative Immunology</i> , 2016, 55, 32-38.	1.0	2
13	Incomplete target neutralization by the anti-cancer antibody rilotumumab. <i>MAbs</i> , 2016, 8, 246-252.	2.6	16
14	Genome-wide siRNA Screening at Biosafety Level 4 Reveals a Crucial Role for Fibrillar in Henipavirus Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005478.	2.1	38
15	Structural and biochemical analyses of a <i>Clostridium perfringens</i> sortase D transpeptidase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 1505-1513.	2.5	14
16	Blood-Based Protein Biomarker Panel for the Detection of Colorectal Cancer. <i>PLoS ONE</i> , 2015, 10, e0120425.	1.1	59
17	EGFRvIII-mediated transactivation of receptor tyrosine kinases in glioma: mechanism and therapeutic implications. <i>Oncogene</i> , 2015, 34, 5277-5287.	2.6	40
18	Glioma-specific Domain IV EGFR cysteine mutations promote ligand-induced covalent receptor dimerization and display enhanced sensitivity to dacomitinib in vivo.. <i>Oncogene</i> , 2015, 34, 1658-1666.	2.6	19

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19	Notch ligand delta-like 1: X-ray crystal structure and binding affinity. <i>Biochemical Journal</i> , 2015, 468, 159-166.	1.7	32
20	LRIG1 Extracellular Domain: Structure and Function Analysis. <i>Journal of Molecular Biology</i> , 2015, 427, 1934-1948.	2.0	13
21	The structure of vanin 1: a key enzyme linking metabolic disease and inflammation. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 3320-3329.	2.5	37
22	Comparison of alternative nucleophiles for Sortase A-mediated bioconjugation and application in neuronal cell labelling. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2675-2685.	1.5	19
23	Colorectal cancer biomarkers: To be or not to be? Cautionary tales from a road well travelled. <i>World Journal of Gastroenterology</i> , 2014, 20, 888.	1.4	21
24	Megakaryocytes co-localise with hemopoietic stem cells and release cytokines that up-regulate stem cell proliferation. <i>Stem Cell Research</i> , 2013, 11, 782-792.	0.3	103
25	Biochemical Characterization of Individual Human Glycosylated pro-Insulin-like Growth Factor (IGF)-II and big-IGF-II Isoforms Associated with Cancer. <i>Journal of Biological Chemistry</i> , 2013, 288, 59-68.	1.6	35
26	Structural Model for the Interaction of a Designed Ankyrin Repeat Protein with the Human Epidermal Growth Factor Receptor 2. <i>PLoS ONE</i> , 2013, 8, e59163.	1.1	17
27	Preparation of human vascular endothelial growth factor-D for structural and preclinical therapeutic studies. <i>Protein Expression and Purification</i> , 2012, 82, 232-239.	0.6	15
28	A high-affinity ErbB4Fc fusion protein is a potent antagonist of heregulin-mediated receptor activation. <i>Growth Factors</i> , 2012, 30, 310-319.	0.5	4
29	Taking down the FLAG! How Insect Cell Expression Challenges an Established Tag-System. <i>PLoS ONE</i> , 2012, 7, e37779.	1.1	21
30	Engineering of an anti-epidermal growth factor receptor antibody to single chain format and labeling by sortase A-mediated protein ligation. <i>Biotechnology and Bioengineering</i> , 2012, 109, 1461-1470.	1.7	51
31	Glioma Specific Extracellular Missense Mutations in the First Cysteine Rich Region of Epidermal Growth Factor Receptor (EGFR) Initiate Ligand Independent Activation. <i>Cancers</i> , 2011, 3, 2032-2049.	1.7	39
32	Direct involvement of the TEN domain at the active site of human telomerase. <i>Nucleic Acids Research</i> , 2011, 39, 1774-1788.	6.5	47
33	A new crystal form of human vascular adhesion protein 1. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 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 <i>in vitro</i> and <i>in vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1809-1819.	1.9	39
35	Antibodies specifically targeting a locally misfolded region of tumor associated EGFR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5082-5087.	3.3	69
36	Crystallization and preliminary X-ray analysis of the complexes between a Fab and two forms of human insulin-like growth factor II. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 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. <i>Journal of Molecular Biology</i> , 2009, 394, 878-892.	2.0	32
38	Total Synthesis of the Potent Anticancer Aglaia Metabolites (âˆ™)-Silvestrol and (âˆ™)-Episilvestrol and the Active Analogue (âˆ™)-4â€²-Desmethoxyepisilvestrol. <i>Journal of the American Chemical Society</i> , 2009, 131, 1607-1616.	6.6	78
39	A truncated soluble epidermal growth factor receptor-Fc fusion ligand trap displays anti-tumour activity <i>in vivo</i> . <i>Growth Factors</i> , 2009, 27, 141-154.	0.5	19
40	Structural insights into ligandâ€”induced activation of the insulin receptor. <i>Acta Physiologica</i> , 2008, 192, 3-9.	1.8	50
41	The insulin and EGF receptor structures: new insights into ligand-induced receptor activation. <i>Trends in Biochemical Sciences</i> , 2007, 32, 129-137.	3.7	122
42	Structure of the insulin receptor ectodomain reveals a folded-over conformation. <i>Nature</i> , 2006, 443, 218-221.	13.7	277
43	Positive and negative regulatory elements in the late lactation protein-A gene promoter from the tammar wallaby (<i>Macropus eugenii</i>). <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 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. <i>Growth Factors</i> , 2005, 23, 151-159.	0.5	6
45	CR1/CR2 Interactions Modulate the Functions of the Cell Surface Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 22387-22398.	1.6	75
46	Mini ReviewSignalling by the Type 1 Insulin-like Growth Factor Receptor: Interplay with the Epidermal Growth Factor Receptor. <i>Growth Factors</i> , 2004, 22, 89-95.	0.5	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. <i>Journal of Biological Chemistry</i> , 2004, 279, 30375-30384.	1.6	122
48	The Crystal Structure of a Truncated ErbB2 Ectodomain Reveals an Active Conformation, Poised to Interact with Other ErbB Receptors. <i>Molecular Cell</i> , 2003, 11, 495-505.	4.5	510
49	Crystal Structure of a Truncated Epidermal Growth Factor Receptor Extracellular Domain Bound to Transforming Growth Factor Î±. <i>Cell</i> , 2002, 110, 763-773.	13.5	686
50	Prevention of Diabetes-Induced Albuminuria in Transgenic Rats Overexpressing Human Aldose Reductase. <i>Endocrine</i> , 2002, 18, 47-56.	2.2	4
51	Identification of a Determinant of Epidermal Growth Factor Receptor Ligand-Binding Specificity Using a Truncated, High-Affinity Form of the Ectodomain. <i>Biochemistry</i> , 2001, 40, 8930-8939.	1.2	85
52	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. <i>Liver</i> , 2001, 21, 149-158.	0.1	20
53	The three dimensional structure of the type I insulin-like growth factor receptor. <i>Journal of Clinical Pathology</i> , 2001, 54, 125-132.	2.1	57
54	Structure and function of the type 1 insulin-like growth factor receptor. <i>Cellular and Molecular Life Sciences</i> , 2000, 57, 1050-1093.	2.4	503

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55	Properties of an insulin receptor with an IGF-1 receptor loop exchange in the cysteine-rich region. <i>FEBS Letters</i> , 2000, 469, 57-60.	1.3	15
56	High, persistent hepatocellular proliferation and apoptosis precede hepatocarcinogenesis in growth hormone transgenic mice. <i>Liver International</i> , 1999, 19, 242-252.	1.9	47
57	STAT5b mediates the GH-induced expression of SOCS-2 and SOCS-3 mRNA in the liver. <i>Molecular and Cellular Endocrinology</i> , 1999, 158, 111-116.	1.6	108
58	Transcription from the P2 promoter of the growth hormone receptor gene involves members of the Sp transcription factor family. <i>Biochemical Journal</i> , 1999, 344, 867.	1.7	3
59	Growth Hormone Preferentially Induces the Rapid, Transient Expression of SOCS-3, a Novel Inhibitor of Cytokine Receptor Signaling. <i>Journal of Biological Chemistry</i> , 1998, 273, 1285-1287.	1.6	283
60	Comparison of intrahepatic lymphocytes from normal and growth hormone transgenic mice with chronic hepatitis and liver cancer. <i>Immunology</i> , 1997, 90, 412-420.	2.0	17
61	Methylation and expression of a metallothionein promoter ovine growth hormone fusion gene (MToGH1) in transgenic mice. <i>Transgenic Research</i> , 1995, 4, 114-122.	1.3	13
62	Differential expression of growth hormone receptor messenger RNA from a second promoter. <i>Molecular and Cellular Endocrinology</i> , 1995, 108, 23-33.	1.6	45
63	Impaired glucose tolerance and increased weight gain in transgenic rats overexpressing a non-insulin-responsive phosphoenolpyruvate carboxykinase gene. <i>Molecular Endocrinology</i> , 1995, 9, 1396-1404.	3.7	29
64	Optimization of Experimental Variables Influencing Reporter Gene Expression in Hepatoma Cells Following Calcium Phosphate Transfection. <i>DNA and Cell Biology</i> , 1994, 13, 1227-1232.	0.9	91
65	Identification of a liver-specific promoter for the ovine growth hormone receptor. <i>Molecular and Cellular Endocrinology</i> , 1994, 101, 129-139.	1.6	49
66	Functional expression of an ovine growth hormone receptor in transfected Chinese hamster ovary cells. <i>Molecular and Cellular Endocrinology</i> , 1992, 86, 37-47.	1.6	25
67	Production of methionyl-minus ovine growth hormone in <i>Escherichia coli</i> and one-step purification. <i>Gene</i> , 1992, 122, 371-375.	1.0	15
68	Removal of 3'Untranslated Sequences Dramatically Enhances Transient Expression of Ovine Follicle-Stimulating Hormone Beta Gene Messenger Ribonucleic Acid. <i>Journal of Neuroendocrinology</i> , 1992, 4, 655-658.	1.2	9
69	Developmental and tissue-specific regulation of ovine insulin-like growth factor II (IGF-II) mRNA expression. <i>Molecular and Cellular Endocrinology</i> , 1991, 78, 87-96.	1.6	34
70	The sheep growth hormone receptor: Molecular cloning and ontogeny of mRNA expression in the liver. <i>Molecular and Cellular Endocrinology</i> , 1990, 73, 135-145.	1.6	126
71	Nucleotide sequence of an ovine Insulin-like growth factor-II cDNA. <i>Nucleic Acids Research</i> , 1989, 17, 5392-5392.	6.5	28
72	Cloning and DNA sequence analysis of the cDNA for the common β -subunit of the ovine pituitary glycoprotein hormones. <i>Nucleic Acids Research</i> , 1989, 17, 10494-10494.	6.5	24

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73	Cloning and nucleotide sequence of an ovine prolactin cDNA. Nucleic Acids Research, 1989, 17, 440-440.	6.5	12
74	Cloning and DNA sequence analysis of the cDNA for the precursor of ovine follicle stimulating hormone β -subunit. Nucleic Acids Research, 1989, 17, 6391-6391.	6.5	29
75	Non-tolerance and autoantibodies to a transgenic self antigen expressed in pancreatic β cells. Nature, 1987, 325, 223-228.	13.7	269
76	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.	1.0	79