Ulf Pettersson

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	DNA hypomethylation leads to elevated mutation rates. Nature, 1998, 395, 89-93.	27.8	859
2	Structure of two spliced mRNAs from the transforming region of human subgroup C adenoviruses. Nature, 1979, 281, 694-696.	27.8	448
3	Virus-Receptor Interaction in an Adenovirus System. Journal of Virology, 1968, 2, 1064-1075.	3.4	372
4	Amount of viral DNA in the genome of cells transformed by adenovirus type 2. Journal of Molecular Biology, 1973, 73, 125-130.	4.2	347
5	A deletion in the amelogenin gene (AMG) causes X-linked amelogenesis imperfecta (AlH1). Genomics, 1991, 10, 971-975.	2.9	267
6	A new species of virus-coded low molecular weight RNA from cells infected with adenovirus type 2. Cell, 1976, 7, 585-593.	28.9	245
7	Viral DNA in transformed cells. Journal of Molecular Biology, 1974, 86, 709-726.	4.2	223
8	A putative vulnerability locus to multiple sclerosis maps to 5p14–p12 in a region syntenic to the murine locus Eae2. Nature Genetics, 1996, 13, 477-480.	21.4	200
9	Genetic control of arthritis onset, severity and chronicity in a model for rheumatoid arthritis in rats. Nature Genetics, 1998, 20, 401-404.	21.4	195
10	Arthritis induced in rats with non-immunogenic adjuvants as models for rheumatoid arthritis. Immunological Reviews, 2001, 184, 184-202.	6.0	190
11	Structural proteins of adenoviruses. Virology, 1973, 52, 130-147.	2.4	186
12	Hybridization maps of early and late messenger RNA sequences on the adenovirus type 2 genome. Journal of Molecular Biology, 1976, 101, 479-501.	4.2	186
13	Identification of a Trypanosoma cruzi antigen that is shed during the acute phase of Chagas' disease. Molecular and Biochemical Parasitology, 1989, 34, 221-228.	1.1	183
14	Structural proteins of adenoviruses. Virology, 1970, 42, 341-358.	2.4	178
15	Structural proteins of adenoviruses. Virology, 1967, 33, 575-590.	2.4	175
16	Messenger RNAs from the transforming region of bovine papilloma virus type I. Journal of Molecular Biology, 1985, 182, 541-554.	4.2	173
17	Identification of murine loci associated with susceptibility to chronic experimental autoimmune encephalomyelitis. Nature Genetics, 1995, 10, 313-317.	21.4	169
18	Inversion of the IDS gene resulting from recombination with IDS-related sequences in a common cause of the Hunter syndrome. Human Molecular Genetics, 1995, 4, 615-621.	2.9	167

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19	Multiple Trypanosoma cruzi antigens containing tandemly repeated amino acid sequence motifs. Molecular and Biochemical Parasitology, 1988, 30, 27-33.	1.1	149
20	Structural proteins of adenoviruses. Virology, 1969, 39, 90-106.	2.4	148
21	The sequence of the 3′ non-coding region of the hexon mRNA discloses a novel adenovirus gene. Nucleic Acids Research, 1981, 9, 1-17.	14.5	146
22	A Schizophrenia-Susceptibility Locus at 6q25, in One of the World's Largest Reported Pedigrees. American Journal of Human Genetics, 2001, 69, 96-105.	6.2	146
23	Genetic linkage analysis of collagen-induced arthritis in the mouse. European Journal of Immunology, 1998, 28, 3321-3328.	2.9	136
24	Sequence of inverted terminal repetitions from different adenoviruses: Demonstration of conserved sequences and homology between SA7 termini and SV40 DNA. Cell, 1979, 17, 705-713.	28.9	131
25	A distant enhancer element is required for polymerase III transcription of a U6 RNA gene. Nature, 1987, 328, 356-359.	27.8	120
26	Application of anin vitro assay for serum thymidine kinase: Results on viral disease and malignancies in humans. International Journal of Cancer, 1984, 33, 5-12.	5.1	112
27	Relationship of mRNA from Productively Infected Cells to the Complementary Strands of Adenovirus Type 2 DNA. Journal of Virology, 1974, 13, 370-377.	3.4	112
28	Location of sequences on the adenovirus genome coding for the 5.5S RNA. Cell, 1975, 6, 1-4.	28.9	111
29	Synthesis of a structural adenovirus polypeptide in the absence of viral DNA replication. Virology, 1978, 90, 67-79.	2.4	106
30	Sequence analysis of adenovirus DNA: Complete nucleotide sequence of the spliced 5′ noncoding region of adenovirus 2 hexon messenger RNA. Cell, 1979, 16, 841-850.	28.9	102
31	Structure of two adenovirus type 12 transforming polypeptides and their evolutionary implications. Nature, 1980, 288, 174-176.	27.8	100
32	Splicing of adenovirus 2 early region 1A mRNAs is non-sequential. Journal of Molecular Biology, 1983, 165, 475-495.	4.2	100
33	Structural proteins of adenoviruses. Virology, 1968, 35, 204-215.	2.4	95
34	Evidence for Common Autoimmune Disease Genes Controlling Onset, Severity, and Chronicity Based on Experimental Models for Multiple Sclerosis and Rheumatoid Arthritis. Journal of Immunology, 2000, 164, 1564-1568.	0.8	95
35	Human QKI, a new candidate gene for schizophrenia involved in myelination. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 84-90.	1.7	95
36	Structural proteins of adenoviruses. Virology, 1971, 45, 364-373.	2.4	90

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37	The gene and messenger RNA for adenovirus polypeptide IX. Cell, 1977, 12, 741-750.	28.9	89
38	Amelogenin signal peptide mutation: correlation between mutations in the amelogenin gene (AMGX) and manifestations of X-linked amelogenesis imperfecta. Genomics, 1995, 26, 159-162.	2.9	84
39	Proteomic analysis of urinary biomarker candidates for nonmuscle invasive bladder cancer. Proteomics, 2012, 12, 135-144.	2.2	83
40	Molecular and phenotypic variation in patients with severe Hunter syndrome. Human Molecular Genetics, 1997, 6, 479-486.	2.9	82
41	Genetic identification of a endoproteinase endoded by the adenovirus genome. Journal of Molecular Biology, 1983, 167, 217-222.	4.2	79
42	Adenovirus endonuclease: Association with the penton of adenovirus type 2. Journal of Molecular Biology, 1971, 60, 45-64.	4.2	78
43	The low molecular weight of RNAs of adenovirus 2-infected cells. Journal of Molecular Biology, 1978, 119, 293-328.	4.2	77
44	Two complementary strand-specific termination sites for adenovirus DNA replication. Cell, 1976, 9, 259-268.	28.9	76
45	Region E3 of human adenoviruses; differences between the oncogenic adenovirus-3 and the non-oncogenic adenovirus-2. Gene, 1986, 50, 173-184.	2.2	73
46	Chromosome specific markers reveal conserved linkage groups in spite of extensive chromosomal size variation in Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1995, 73, 63-74.	1.1	73
47	Specific Fragmentation of DNA of Adenovirus Serotypes 3, 5, 7, and 12, and Adeno-Simian Virus 40 Hybrid Virus Ad2 ⁺ ND1 by Restriction Endonuclease R· <i>Eco</i> Rl. Journal of Virology, 1974, 14, 68-77.	3.4	73
48	Chromosomal localization of seven cloned antigen genes provides evidence of diploidy and further demonstration of karyotype variability in Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1990, 42, 213-223.	1.1	71
49	Interaction between the adenovirus DNA-binding protein and double-stranded DNA. Journal of Molecular Biology, 1979, 132, 163-180.	4.2	66
50	Strategic Attack on Host Cell Gene Expression during Adenovirus Infection. Journal of Virology, 2003, 77, 11006-11015.	3.4	66
51	Sequence analysis of adenovirus DNA. Journal of Molecular Biology, 1979, 134, 143-158.	4.2	65
52	The molecular structure of the 9 S mRNA from early region 1A of adenovirus serotype 2. Journal of Molecular Biology, 1983, 165, 496-499.	4.2	63
53	Some unusual properties of replicating adenovirus type 2 DNA. Journal of Molecular Biology, 1973, 81, 521-527.	4.2	60
54	A maturation protein in adenovirus morphogenesis. Virology, 1979, 93, 198-208.	2.4	60

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55	Sequences of bovine papillomavirus type 1 DNA - functional and evolutionary implications. Nucleic Acids Research, 1983, 11, 2639-2650.	14.5	58
56	A gene family encoding heterogeneous histone H1 proteins in Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1994, 65, 317-330.	1.1	55
57	Complementary strand-specific sequences from unique fragments of adenovirus type 2 DNA for hybridization-mapping experiments. Journal of Molecular Biology, 1974, 88, 767-784.	4.2	53
58	A common sequence in the inverted terminal repetitions of human and avian adenovimses. Gene, 1982, 18, 193-197.	2.2	53
59	Construction of restriction enzyme fragment libraries containing DNA from human adenovirus types 2 and 5. Gene, 1980, 10, 47-52.	2.2	50
60	The transcriptome of the adenovirus infected cell. Virology, 2012, 424, 115-128.	2.4	49
61	Two initiation sites for adenovirus 5.5S RNA. Nucleic Acids Research, 1978, 5, 195-204.	14.5	47
62	Linkage analysis of a large swedish kindred provides further support for a susceptibility locus for schizophrenia on chromosome 6p23. , 1999, 88, 369-377.		47
63	Complete Sequence of a 93.4-kb Contig from Chromosome 3 of <i>Trypanosoma cruzi</i> Containing a Strand-Switch Region. Genome Research, 1998, 8, 809-816.	5.5	46
64	Molecular Markers for Discrimination of Benign and Malignant Follicular Thyroid Tumors. Tumor Biology, 2006, 27, 211-220.	1.8	46
65	Sequence analysis of adenovirus DNA I. Nucleotide sequence at the carboxy-terminal end of the gene for adenovirus type 2 hexon. Virology, 1978, 91, 477-480.	2.4	45
66	Structure of three spliced mRNAs from region E3 of adenovirus type 2. Gene, 1983, 22, 157-165.	2.2	45
67	How adenovirus strives to control cellular gene expression. Virology, 2007, 363, 357-375.	2.4	45
68	Structural Studies of Adenovirus Type-2 Hexon Protein. FEBS Journal, 1974, 48, 179-192.	0.2	43
69	Identification and Isolation of Dominant Susceptibility Loci for Pristane-Induced Arthritis. Journal of Immunology, 2003, 171, 407-416.	0.8	42
70	A new look at adenovirus splicing. Virology, 2014, 456-457, 329-341.	2.4	42
71	An adenovirus agnogene. Nucleic Acids Research, 1982, 10, 2539-2548.	14.5	41
72	Secretion of coagulant factor VIII activity and antigen by in vitro cultivated rat liver sinusoidal endothelial cells. British Journal of Haematology, 1989, 73, 348-355.	2.5	41

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73	Fluctuating expression of microRNAs in adenovirus infected cells. Virology, 2015, 478, 99-111.	2.4	37
74	The NADP+-linked glutamate dehydrogenase from Trypanosoma cruzi: sequence, genomic organization and expression. Biochemical Journal, 1998, 330, 951-958.	3.7	35
75	Tumour expression of bladder cancerâ€associated urinary proteins. BJU International, 2013, 112, 407-415.	2.5	35
76	Adenovirus-induced alterations in host cell gene expression prior to the onset of viral gene expression. Virology, 2006, 353, 1-5.	2.4	34
77	Initiation of transcription in nuclei isolated from adenovirus infected cells. Nucleic Acids Research, 1978, 5, 205-219.	14.5	32
78	Organization and expression of the transforming region from the European elk papillomavirus (EEPV). Gene, 1986, 50, 195-205.	2.2	32
79	A protein kinase associated with adenovirus type 2. Virology, 1978, 87, 276-286.	2.4	31
80	Different mRNAs from the transforming region of highly oncogenic and non-oncogenic human adenoviruses. Nature, 1982, 295, 705-707.	27.8	31
81	Genes for histone H3 in Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1994, 66, 147-151.	1.1	31
82	Distinct temporal changes in host cell lncRNA expression during the course of an adenovirus infection. Virology, 2016, 492, 242-250.	2.4	30
83	Genetic links between the acute-phase response and arthritis development in rats. Arthritis and Rheumatism, 2002, 46, 259-268.	6.7	28
84	Use of a DNA Hybridization Assay for the Detection of Plasmodium Falciparumin Field Trials. American Journal of Tropical Medicine and Hygiene, 1987, 37, 230-234.	1.4	28
85	Splicing of the adenovirus-2 E1A 13S mRNA requires a minimal intron length and specific intron signals. Nucleic Acids Research, 1985, 13, 6299-6315.	14.5	26
86	Nuclear factor I can functionally replace transcription factor Sp1 in a U2 small nuclear RNA gene enhancer. Journal of Molecular Biology, 1989, 205, 387-396.	4.2	26
87	Isolation and characterization of a gene from Trypanosoma cruzi encoding a 46-kilodalton protein with homology to human and rat tyrosine aminotransferase. Molecular and Biochemical Parasitology, 1993, 59, 253-262.	1.1	26
88	Two Distinct Deletions in theIDSGene and the GeneW: A Novel Type of Mutation Associated with the Hunter Syndrome. Genomics, 1997, 43, 123-129.	2.9	26
89	Identification of Specific Cellular Genes Up-Regulated Late in Adenovirus Type 12 Infection. Journal of Virology, 2005, 79, 2404-2412.	3.4	25

90 Structural and Nonstructural Adenovirus Proteins. , 1984, , 205-270.

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91	Detection of adenoviruses in stool specimens by nucleic acid spot hybridization. Journal of Medical Virology, 1985, 16, 213-218.	5.0	24
92	Members of the SAPA/trans-sialidase protein family have identical N-terminal sequences and a putative signal peptide. Molecular and Biochemical Parasitology, 1993, 59, 171-174.	1.1	22
93	Both common and unique susceptibility genes in different rat strains with pristane-induced arthritis. European Journal of Human Genetics, 2002, 10, 475-483.	2.8	22
94	Reconstruction of ancestral haplotypes in a 12-generation schizophrenia pedigree. Psychiatric Genetics, 2004, 14, 1-8.	1.1	22
95	A DRB (5,6 dichloro-β-D-ribofuranosylbenzimidazole)-resistant adenovirus mRNA. Nucleic Acids Research, 1979, 7, 1405-1418.	14.5	21
96	Trypanosoma rangeliandTrypanosoma cruzi:Molecular Characterization of Genes Encoding Putative Calcium-Binding Proteins, Highly Conserved in Trypanosomatids. Experimental Parasitology, 1996, 84, 387-399.	1.2	21
97	The Geographic Distribution of Monoamine Oxidase Haplotypes Supports a Bottleneck During the Dispersion of Modern Humans from Africa. Journal of Molecular Evolution, 2001, 52, 157-163.	1.8	21
98	Modulation of host cell gene expression during onset of the late phase of an adenovirus infection is focused on growth inhibition and cell architecture. Virology, 2005, 343, 236-245.	2.4	21
99	Posttranscriptional Regulation in Adenovirus Infected Cells. Journal of Proteome Research, 2017, 16, 872-888.	3.7	20
100	A comparative genetic analysis between collagen-induced arthritis and pristane-induced arthritis. Arthritis and Rheumatism, 2003, 48, 2332-2342.	6.7	19
101	Molecular Basis and Consequences of a Deletion in the Amelogenin Gene, Analyzed by Capture PCR. Genomics, 1993, 17, 89-92.	2.9	18
102	Time-resolved proteomics of adenovirus infected cells. PLoS ONE, 2018, 13, e0204522.	2.5	18
103	Genetic Typing of HLA Class II Genes in Swedish Populations: Application to Forensic Analysis. Journal of Forensic Sciences, 1993, 38, 554-570.	1.6	18
104	Hemophilia B in a 46,XX female probably caused by nonâ€random X inactivation. Clinical Genetics, 1993, 43, 1-4.	2.0	17
105	Propagation in E. coli of bacteriophage lambda with integrated fragments of adenovirus 2 DNA. Gene, 1976, 1, 49-63.	2.2	16
106	A novel spontaneous mutation of the bovine papillomavirus-1 genome. Plasmid, 1988, 20, 61-74.	1.4	16
107	In vitro transcription of adenovirus 2 DNA by Escherichia coli RNA polymerase. Virology, 1974, 59, 153-167.	2.4	15
108	The Human Adenovirus 2 Transcriptome: an Amazing Complexity of Alternatively Spliced mRNAs. Journal of Virology, 2021, 95, .	3.4	15

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109	Activation of the interferon-induced STAT pathway during an adenovirus type 12 infection. Virology, 2009, 392, 186-195.	2.4	14
110	Identification of adenovirus-encoded small RNAs by deep RNA sequencing. Virology, 2013, 442, 148-155.	2.4	14
111	Identification of 9 novel IDS gene mutations in 19 unrelated Hunter syndrome (Mucopolysaccharidosis) Tj ETQq1	1.0.7843 2.5	14 ₁ gBT /O
112	Structure and Function of the Adenovirus-2 Genome. , 1986, , 53-95.		13
113	Selective generation of chromosomal cosmid libraries within theTrypanosoma cruzi genome project. Electrophoresis, 1998, 19, 478-481.	2.4	12
114	The Messenger RNAs from the Transforming Region of Human Adenoviruses. Current Topics in Microbiology and Immunology, 1983, 109, 107-123.	1.1	12
115	Polymorphisms of the genes encoding cruzipain, the major cysteine proteinase ofTrypanosoma cruzi, in the region encoding the C-terminal domain. FEMS Microbiology Letters, 1998, 159, 35-39.	1.8	11
116	Impact of the interaction between adenovirus E1A and CtBP on host cell gene expression. Virus Research, 2005, 113, 51-63.	2.2	11
117	Molecular analysis of chromosome 21 in a patient with a phenotype of down syndrome and apparently normal karyotype. , 1996, 63, 566-572.		10
118	Transcriptomic and proteomic analyses reveal new insights into the regulation of immune pathways during adenovirus type 2 infection. BMC Microbiology, 2019, 19, 15.	3.3	10
119	Support for schizophrenia susceptibility locus on chromosome 2q detected in a Swedish isolate using a dense map of microsatellites and SNPs. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 1238-1244.	1.7	8
120	Temporal characterization of the non-structural Adenovirus type 2 proteome and phosphoproteome using high-resolving mass spectrometry. Virology, 2017, 511, 240-248.	2.4	8
121	Adenovirus in the omics era $\hat{a} \in $ a multipronged strategy. FEBS Letters, 2020, 594, 1879-1890.	2.8	8
122	Replication of the bovine papillomavirus type 1 genome; antisense transcripts prevent episomal replication. Gene, 1986, 50, 185-193.	2.2	7
123	Organization and Expression of Papillomavirus Genomes. , 1987, , 67-107.		7
124	Molecular studies of haemophilia B in Sweden. Human Genetics, 1988, 81, 13-17.	3.8	7
125	Infantile autism—fragile X: Molecular findings support genetic heterogeneity. American Journal of Medical Cenetics Part A, 1992, 44, 830-833.	2.4	7
126	Trypanothione synthetase locus in Trypanosoma cruzi CL Brener strain shows an extensive allelic divergence. Acta Tropica, 2003, 87, 269-278.	2.0	7

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127	Data on the expression of cellular IncRNAs in human adenovirus infected cells. Data in Brief, 2016, 8, 1263-1279.	1.0	6
128	Genetic linkage analysis of the antibody responses to myelin basic protein and myelin oligodendrocyte glycoprotein in rats immunized with rat spinal cord homogenate. Journal of Neuroimmunology, 2001, 117, 21-29.	2.3	5
129	Transcription factor requirements for U2 snRNA-encoding gene activation in B lymphoid cells. Gene, 1991, 109, 297-301.	2.2	4
130	C-Junis Induced to High Continuous Expression During Differentiation of Hematopoietic Cells and is Regulated Independently from C-Fos. Leukemia and Lymphoma, 1991, 4, 193-204.	1.3	4
131	Deletion screening of Sri Lankan Duchenne muscular dystrophy patients using the polymerase chain reaction. Annals of Tropical Paediatrics, 1993, 13, 83-86.	1.0	4
132	The tyrosine aminotransferase fromTrypanosoma rangeli: sequence and genomic characterization. FEMS Microbiology Letters, 2000, 189, 253-257.	1.8	4
133	Linkage study of embryopathy—Polygenic inheritance of diabetes-induced skeletal malformations in the rat. Reproductive Toxicology, 2012, 33, 297-307.	2.9	4
134	Proteome Analysis of Adenovirus Using Mass Spectrometry. Methods in Molecular Biology, 2014, 1089, 25-44.	0.9	4
135	Identification of the adenovirus type 2 C-168 protein. Virus Research, 2017, 238, 110-113.	2.2	4
136	Phosphorylation Timeâ€Course Study of the Response during Adenovirus Type 2 Infection. Proteomics, 2020, 20, e1900327.	2.2	4
137	Molecular characterization of a DNA probe, U6.2, located close to the fragile X locus. American Journal of Medical Genetics Part A, 1991, 38, 380-383.	2.4	3
138	Encounters with adenovirus. Upsala Journal of Medical Sciences, 2019, 124, 83-93.	0.9	3
139	Organization and Expression of the Genome of Bovine Papillomavirus Type 1. Novartis Foundation Symposium, 1986, 120, 23-38.	1.1	3
140	Studies on the Transcription of Simian Virus 40 and Adenovirus Type 2. , 1974, 3, 167-179.		3
141	Linkage analysis of the fragile X syndrome using a new DNA marker U6.2 defining locus DXS304. American Journal of Medical Genetics Part A, 1991, 38, 322-327.	2.4	2
142	A new type of muscular dystrophy in two brothers: analysis by use of DNA probes suggests autosomal recessive inheritance. Clinical Genetics, 1988, 34, 299-305.	2.0	2
143	Linkage analysis of a large swedish kindred provides further support for a susceptibility locus for schizophrenia on chromosome 6p23. American Journal of Medical Genetics Part A, 1999, 88, 369-377.	2.4	1
144	Control of adenovirus gene expression. Trends in Biochemical Sciences, 1980, 5, 135-138.	7.5	0

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145	A chromosome-specific dispersed gene family in Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1999, 100, 229-234.	1.1	0
146	Genetic control of arthritis in rats. Journal of Experimental Animal Science, 2000, 41, 7-13.	0.5	0
147	Lennart Philipson: A fighter is gone. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18875-18875.	7.1	0