

David J Pintel

List of Publications by Year in descending order

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77
papers

3,306
citations

201674

27
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161849

54
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78
all docs

78
docs citations

78
times ranked

2834
citing authors

#	ARTICLE	IF	CITATIONS
1	The family Parvoviridae. <i>Archives of Virology</i> , 2014, 159, 1239-1247.	2.1	555
2	ICTV Virus Taxonomy Profile: Parvoviridae. <i>Journal of General Virology</i> , 2019, 100, 367-368.	2.9	312
3	Transfection of mammalian cells using linear polyethylenimine is a simple and effective means of producing recombinant adeno-associated virus vectors. <i>Journal of Virological Methods</i> , 2006, 138, 85-98.	2.1	230
4	The genome of minute virus of mice, an autonomous parvovirus, encodes two overlapping transcription units. <i>Nucleic Acids Research</i> , 1983, 11, 1019-1038.	14.5	197
5	Deaminase-Independent Inhibition of Parvoviruses by the APOBEC3A Cytidine Deaminase. <i>PLoS Pathogens</i> , 2009, 5, e1000439.	4.7	120
6	Characterization of the gene expression profile of human bocavirus. <i>Virology</i> , 2010, 403, 145-154.	2.4	111
7	Accumulation of MVM gene products is differentially regulated by transcription initiation, RNA processing and protein stability. <i>Virology</i> , 1991, 181, 22-34.	2.4	107
8	Parvovirus Minute Virus of Mice Induces a DNA Damage Response That Facilitates Viral Replication. <i>PLoS Pathogens</i> , 2010, 6, e1001141.	4.7	90
9	Characterization of the Transcription Profile of Adeno-Associated Virus Type 5 Reveals a Number of Unique Features Compared to Previously Characterized Adeno-Associated Viruses. <i>Journal of Virology</i> , 2002, 76, 12435-12447.	3.4	64
10	The Transcription Profile of Aleutian Mink Disease Virus in CRFK Cells Is Generated by Alternative Processing of Pre-mRNAs Produced from a Single Promoter. <i>Journal of Virology</i> , 2006, 80, 654-662.	3.4	64
11	Interaction between Parvovirus NS2 Protein and Nuclear Export Factor Crm1 Is Important for Viral Egress from the Nucleus of Murine Cells. <i>Journal of Virology</i> , 2002, 76, 3257-3266.	3.4	63
12	Block to the Production of Full-Length B19 Virus Transcripts by Internal Polyadenylation Is Overcome by Replication of the Viral Genome. <i>Journal of Virology</i> , 2008, 82, 9951-9963.	3.4	62
13	The Adeno-Associated Virus Type 2 Rep Protein Regulates RNA Processing via Interaction with the Transcription Template. <i>Molecular and Cellular Biology</i> , 2002, 22, 3639-3652.	2.3	58
14	Human Circovirus TT Virus Genotype 6 Expresses Six Proteins following Transfection of a Full-Length Clone. <i>Journal of Virology</i> , 2005, 79, 6505-6510.	3.4	58
15	Minute Virus of Mice NS1 Interacts with the SMN Protein, and They Colocalize in Novel Nuclear Bodies Induced by Parvovirus Infection. <i>Journal of Virology</i> , 2002, 76, 3892-3904.	3.4	55
16	ELISAs using human bocavirus VP2 virus-like particles for detection of antibodies against HBoV. <i>Journal of Virological Methods</i> , 2008, 149, 110-117.	2.1	54
17	The Transcription Profile of the <i>Bocavirus</i> Bovine Parvovirus Is Unlike Those of Previously Characterized Parvoviruses. <i>Journal of Virology</i> , 2007, 81, 12080-12085.	3.4	49
18	The Expression Strategy of Goose Parvovirus Exhibits Features of both the Dependovirus and Parvovirus Genera. <i>Journal of Virology</i> , 2005, 79, 11035-11044.	3.4	40

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19	Adeno-Associated Virus RNAs Appear in a Temporal Order and Their Splicing Is Stimulated during Coinfection with Adenovirus. <i>Journal of Virology</i> , 2000, 74, 9878-9888.	3.4	37
20	A Premature Termination Codon in Either Exon of Minute Virus of Mice P4 Promoter-generated Pre-mRNA Can Inhibit Nuclear Splicing of the Intervening Intron in an Open Reading Frame-dependent Manner. <i>Journal of Biological Chemistry</i> , 1999, 274, 22452-22458.	3.4	32
21	A Premature Termination Codon Interferes with the Nuclear Function of an Exon Splicing Enhancer in an Open Reading Frame-Dependent Manner. <i>Molecular and Cellular Biology</i> , 1999, 19, 1640-1650.	2.3	32
22	Identification and Characterization of Two Internal Cleavage and Polyadenylation Sites of Parvovirus B19 RNA. <i>Journal of Virology</i> , 2006, 80, 1604-1609.	3.4	32
23	Comparison of the Transcription Profile of Simian Parvovirus with That of the Human Erythrovirus B19 Reveals a Number of Unique Features. <i>Journal of Virology</i> , 2004, 78, 12929-12939.	3.4	31
24	Parvovirus minute virus of mice interacts with sites of cellular DNA damage to establish and amplify its lytic infection. <i>ELife</i> , 2018, 7, .	6.0	31
25	Molecular characterization of three newly recognized rat parvoviruses. <i>Journal of General Virology</i> , 2002, 83, 2075-2083.	2.9	30
26	Quantitation of encapsidated recombinant adeno-associated virus DNA in crude cell lysates and tissue culture medium by quantitative, real-time PCR. <i>Journal of Virological Methods</i> , 2006, 137, 193-204.	2.1	30
27	The Capsid Proteins of Aleutian Mink Disease Virus Activate Caspases and Are Specifically Cleaved during Infection. <i>Journal of Virology</i> , 2010, 84, 2687-2696.	3.4	30
28	Replication of Minute Virus of Mice in Murine Cells Is Facilitated by Virally Induced Depletion of p21. <i>Journal of Virology</i> , 2012, 86, 8328-8332.	3.4	29
29	Parvovirus-Induced Depletion of Cyclin B1 Prevents Mitotic Entry of Infected Cells. <i>PLoS Pathogens</i> , 2014, 10, e1003891.	4.7	28
30	Replication of Minute Virus of Mice DNA Is Critically Dependent on Accumulated Levels of NS2. <i>Journal of Virology</i> , 2005, 79, 12375-12381.	3.4	27
31	Processing of adeno-associated virus RNA. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 3101.	3.0	27
32	Characterization of the Nonstructural Proteins of the Bocavirus Minute Virus of Canines. <i>Journal of Virology</i> , 2013, 87, 1098-1104.	3.4	27
33	NP1 Protein of the Bocaparvovirus Minute Virus of Canines Controls Access to the Viral Capsid Genes via Its Role in RNA Processing. <i>Journal of Virology</i> , 2016, 90, 1718-1728.	3.4	27
34	CA- and Purine-Rich Elements Form a Novel Bipartite Exon Enhancer Which Governs Inclusion of the Minute Virus of Mice NS2-Specific Exon in Both Singly and Doubly Spliced mRNAs. <i>Molecular and Cellular Biology</i> , 1999, 19, 364-375.	2.3	26
35	Alternative Polyadenylation of Adeno-associated Virus Type 5 RNA within an Internal Intron Is Governed by the Distance between the Promoter and the Intron and Is Inhibited by U1 Small Nuclear RNP Binding to the Intervening Donor. <i>Journal of Biological Chemistry</i> , 2004, 279, 14889-14898.	3.4	25
36	Construction and biological activity of a full-length molecular clone of human Torque teno virus (TTV) genotype 6. <i>FEBS Journal</i> , 2007, 274, 4719-4730.	4.7	25

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37	The NS2 Protein Generated by the Parvovirus Minute Virus of Mice Is Degraded by the Proteasome in a Manner Independent of Ubiquitin Chain Elongation or Activation. <i>Virology</i> , 2001, 285, 346-355.	2.4	24
38	Minute Virus of Mice Small Nonstructural Protein NS2 Interacts and Colocalizes with the Smn Protein. <i>Journal of Virology</i> , 2002, 76, 6364-6369.	3.4	24
39	Adeno-Associated Viruses Can Induce Phosphorylation of eIF2 \pm via PKR Activation, Which Can Be Overcome by Helper Adenovirus Type 5 Virus-Associated RNA. <i>Journal of Virology</i> , 2007, 81, 11908-11916.	3.4	23
40	The NS1 protein of the parvovirus MVM Aids in the localization of the viral genome to cellular sites of DNA damage. <i>PLoS Pathogens</i> , 2020, 16, e1009002.	4.7	23
41	Rational engineering of a functional CpG-free ITR for AAV gene therapy. <i>Gene Therapy</i> , 2022, 29, 333-345.	4.5	23
42	Determinants that govern alternative splicing of parvovirus pre-mRNAs. <i>Seminars in Virology</i> , 1995, 6, 283-290.	3.9	21
43	Alternative Polyadenylation of Adeno-Associated Virus Type 5 RNA within an Internal Intron Is Governed by both a Downstream Element within the Intron 3 $\hat{\text{a}}^{\text{c}}2$ Splice Acceptor and an Element Upstream of the P41 Initiation Site. <i>Journal of Virology</i> , 2004, 78, 83-93.	3.4	21
44	Mutation of a single amino acid of pregnane X receptor switches an antagonist to agonist by altering AF-2 helix positioning. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 317-335.	5.4	21
45	Protoparvovirus Interactions with the Cellular DNA Damage Response. <i>Viruses</i> , 2017, 9, 323.	3.3	19
46	E4Orf6-E1B-55k-Dependent Degradation of De Novo-Generated Adeno-Associated Virus Type 5 Rep52 and Capsid Proteins Employs a Cullin 5-Containing E3 Ligase Complex. <i>Journal of Virology</i> , 2008, 82, 3803-3808.	3.4	18
47	The Choice of Translation Initiation Site of the Rep Proteins from Goose Parvovirus P9-Generated mRNA Is Governed by Splicing and the Nature of the Excised Intron. <i>Journal of Virology</i> , 2009, 83, 10264-10268.	3.4	17
48	Amino Acids 16 $\hat{\text{a}}^{\text{c}}275$ of Minute Virus of Mice NS1 Include a Domain That Specifically Binds (ACCA)2 $\hat{\text{a}}^{\text{c}}3$ -Containing DNA. <i>Virology</i> , 1998, 251, 123-131.	2.4	16
49	Positive and Negative Effects of Adenovirus Type 5 Helper Functions on Adeno-Associated Virus Type 5 (AAV5) Protein Accumulation Govern AAV5 Virus Production. <i>Journal of Virology</i> , 2007, 81, 2205-2212.	3.4	16
50	Efficient Parvovirus Replication Requires CRL4Cdt2-Targeted Depletion of p21 to Prevent Its Inhibitory Interaction with PCNA. <i>PLoS Pathogens</i> , 2014, 10, e1004055.	4.7	16
51	Distance-Dependent Processing of Adeno-Associated Virus Type 5 RNA Is Controlled by 5 $\hat{\text{a}}^{\text{c}}2$ Exon Definition. <i>Journal of Virology</i> , 2007, 81, 7974-7984.	3.4	14
52	The Abundant R2 mRNA Generated by Aleutian Mink Disease Parvovirus Is Tricistronic, Encoding NS2, VP1, and VP2. <i>Journal of Virology</i> , 2007, 81, 6993-7000.	3.4	14
53	The ATR Signaling Pathway Is Disabled during Infection with the Parvovirus Minute Virus of Mice. <i>Journal of Virology</i> , 2014, 88, 10189-10199.	3.4	13
54	Expression Profiles of Bovine Adeno-Associated Virus and Avian Adeno-Associated Virus Display Significant Similarity to That of Adeno-Associated Virus Type 5. <i>Journal of Virology</i> , 2006, 80, 5482-5493.	3.4	12

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55	Minute virus of mice small non-structural protein NS2 localizes within, but is not required for the formation of, Smn-associated autonomous parvovirus-associated replication bodies. <i>Journal of General Virology</i> , 2005, 86, 1009-1014.	2.9	11
56	Minute Virus of Canines NP1 Protein Governs the Expression of a Subset of Essential Nonstructural Proteins via Its Role in RNA Processing. <i>Journal of Virology</i> , 2017, 91, .	3.4	11
57	Efficient Expression of the Adeno-Associated Virus Type 5 P41 Capsid Gene Promoter in 293 Cells Does Not Require Rep. <i>Journal of Virology</i> , 2006, 80, 6559-6567.	3.4	10
58	Improved Splicing of Adeno-Associated Viral (AAV) Capsid Protein-Supplying Pre-mRNAs Leads to Increased Recombinant AAV Vector Production. <i>Human Gene Therapy</i> , 2008, 19, 1421-1427.	2.7	10
59	Adeno-Associated Virus Small Rep Proteins Are Modified with at Least Two Types of Polyubiquitination. <i>Journal of Virology</i> , 2010, 84, 1206-1211.	3.4	10
60	The Adeno-Associated Virus Type 5 Small Rep Proteins Expressed via Internal Translation Initiation Are Functional. <i>Journal of Virology</i> , 2013, 87, 296-303.	3.4	10
61	Minute Virus of Mice Inhibits Transcription of the Cyclin B1 Gene during Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	9
62	RNAse Mapping and Quantitation of RNA Isoforms. <i>Methods in Molecular Biology</i> , 2012, 883, 121-129.	0.9	8
63	Genetic engineering of CHO cells for viral resistance to minute virus of mice. <i>Biotechnology and Bioengineering</i> , 2017, 114, 576-588.	3.3	8
64	The adeno-associated virus 2 genome and Rep 68/78 proteins interact with cellular sites of DNA damage. <i>Human Molecular Genetics</i> , 2022, 31, 985-998.	2.9	8
65	Splicing of the Large Intron Present in the Nonstructural Gene of Minute Virus of Mice Is Governed by TIA-1/TIAR Binding Downstream of the Nonconsensus Donor. <i>Journal of Virology</i> , 2009, 83, 6306-6311.	3.4	7
66	Viral Chromosome Conformation Capture (V3C) Assays for Identifying Trans-interaction Sites between Lytic Viruses and the Cellular Genome. <i>Bio-protocol</i> , 2019, 9, .	0.4	7
67	Minute Virus of Canines NP1 Protein Interacts with the Cellular Factor CPSF6 To Regulate Viral Alternative RNA Processing. <i>Journal of Virology</i> , 2019, 93, .	3.4	7
68	Construction and initial characterization of an infectious plasmid clone of a newly identified hamster parvovirus. <i>Journal of General Virology</i> , 2001, 82, 919-927.	2.9	7
69	Adeno-Associated Virus Type 5 Utilizes Alternative Translation Initiation To Encode a Small Rep40-Like Protein. <i>Journal of Virology</i> , 2010, 84, 1193-1197.	3.4	6
70	The Human Bocavirus 1 NP1 Protein Is a Multifunctional Regulator of Viral RNA Processing. <i>Journal of Virology</i> , 2018, 92, .	3.4	6
71	The p39 promoter of minute virus of mice directs high levels of bovine growth hormone gene expression in the bovine papilloma virus shuttle vector. <i>Gene</i> , 1987, 56, 297-300.	2.2	5
72	Binding of CCCTC-Binding Factor (CTCF) to the Minute Virus of Mice Genome Is Important for Proper Processing of Viral P4-Generated Pre-mRNAs. <i>Viruses</i> , 2020, 12, 1368.	3.3	5

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73	Splicing of goose parvovirus pre-mRNA influences cytoplasmic translation of the processed mRNA. <i>Virology</i> , 2012, 426, 60-65.	2.4	4
74	The large Rep protein of adeno-associated virus type 2 is polyubiquitinated. <i>Journal of General Virology</i> , 2011, 92, 2792-2796.	2.9	3
75	Upstream AP1- and CREB-Binding Sites Confer High Basal Activity on the Adeno-Associated Virus Type 5 Capsid Gene Promoter. <i>Journal of Virology</i> , 2007, 81, 2605-2613.	3.4	2
76	Trans-Splicing Adeno-Associated Viral Vector-Mediated Gene Therapy Is Limited by the Accumulation of Spliced mRNA but Not by Dual Vector Coinfection Efficiency. <i>Human Gene Therapy</i> , 2004, 15, 896-905.	2.7	2
77	EXPRESSION OF VP2 PROTEIN OF RAT MINUTE VIRUS TYPE 1 (RMV-1) IN RECOMBINANT BACULOVIRUS AND ITS APPLICATION TO DIAGNOSIS OF RMV-1 INFECTION. <i>TĀjwĀn ShĀ²uyĀ«xuĀ© ZĀjzhĀġ</i> , 2014, 40, 21-27.	0.2	0