

# David J Pintel

## List of Publications by Year in descending order

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77  
papers

3,306  
citations

230014

27  
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182931

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78  
all docs

78  
docs citations

78  
times ranked

3068  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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.   | 1.4 | 8         |
| 2  | Rational engineering of a functional CpG-free ITR for AAV gene therapy. <i>Gene Therapy</i> , 2022, 29, 333-345.  | 2.3 | 23        |
| 3  | 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.                 | 2.4 | 21        |
| 4  | 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.   | 2.1 | 23        |
| 5  | 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.                                | 1.5 | 5         |
| 6  | Viral Chromosome Conformation Capture (V3C) Assays for Identifying Trans-interaction Sites between Lytic Viruses and the Cellular Genome. <i>Bio-protocol</i> , 2019, 9, .                                    | 0.2 | 7         |
| 7  | 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, .   | 1.5 | 7         |
| 8  | ICTV Virus Taxonomy Profile: Parvoviridae. <i>Journal of General Virology</i> , 2019, 100, 367-368.   | 1.3 | 312       |
| 9  | The Human Bocavirus 1 NP1 Protein Is a Multifunctional Regulator of Viral RNA Processing. <i>Journal of Virology</i> , 2018, 92, .  | 1.5 | 6         |
| 10 | Parvovirus minute virus of mice interacts with sites of cellular DNA damage to establish and amplify its lytic infection. <i>ELife</i> , 2018, 7, .   | 2.8 | 31        |
| 11 | 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, .                           | 1.5 | 11        |
| 12 | Minute Virus of Mice Inhibits Transcription of the Cyclin B1 Gene during Infection. <i>Journal of Virology</i> , 2017, 91, .  | 1.5 | 9         |
| 13 | Genetic engineering of CHO cells for viral resistance to minute virus of mice. <i>Biotechnology and Bioengineering</i> , 2017, 114, 576-588.  | 1.7 | 8         |
| 14 | Protoparvovirus Interactions with the Cellular DNA Damage Response. <i>Viruses</i> , 2017, 9, 323.  | 1.5 | 19        |
| 15 | 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.                         | 1.5 | 27        |
| 16 | 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>TĀĵiwĀn ShĀ<sup>2</sup>uyĀ«xuĀ© ZĀĵzhĀ</i> , 2014, 40, 21-27. | 0.2 | 0         |
| 17 | Efficient Parvovirus Replication Requires CRL4Cdt2-Targeted Depletion of p21 to Prevent Its Inhibitory Interaction with PCNA. <i>PLoS Pathogens</i> , 2014, 10, e1004055.                                     | 2.1 | 16        |
| 18 | Parvovirus-Induced Depletion of Cyclin B1 Prevents Mitotic Entry of Infected Cells. <i>PLoS Pathogens</i> , 2014, 10, e1003891.   | 2.1 | 28        |

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|----|---|-----|-----------|
| 19 | The ATR Signaling Pathway Is Disabled during Infection with the Parvovirus Minute Virus of Mice. <i>Journal of Virology</i> , 2014, 88, 10189-10199.  | 1.5 | 13        |
| 20 | The family Parvoviridae. <i>Archives of Virology</i> , 2014, 159, 1239-1247.  | 0.9 | 555       |
| 21 | 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.  | 1.5 | 10        |
| 22 | Characterization of the Nonstructural Proteins of the Bocavirus Minute Virus of Canines. <i>Journal of Virology</i> , 2013, 87, 1098-1104.  | 1.5 | 27        |
| 23 | 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.   | 1.5 | 29        |
| 24 | RNAse Mapping and Quantitation of RNA Isoforms. <i>Methods in Molecular Biology</i> , 2012, 883, 121-129.   | 0.4 | 8         |
| 25 | Splicing of goose parvovirus pre-mRNA influences cytoplasmic translation of the processed mRNA. <i>Virology</i> , 2012, 426, 60-65.   | 1.1 | 4         |
| 26 | The large Rep protein of adeno-associated virus type 2 is polyubiquitinated. <i>Journal of General Virology</i> , 2011, 92, 2792-2796.  | 1.3 | 3         |
| 27 | Characterization of the gene expression profile of human bocavirus. <i>Virology</i> , 2010, 403, 145-154.   | 1.1 | 111       |
| 28 | 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.   | 1.5 | 6         |
| 29 | Adeno-Associated Virus Small Rep Proteins Are Modified with at Least Two Types of Polyubiquitination. <i>Journal of Virology</i> , 2010, 84, 1206-1211.   | 1.5 | 10        |
| 30 | Parvovirus Minute Virus of Mice Induces a DNA Damage Response That Facilitates Viral Replication. <i>PLoS Pathogens</i> , 2010, 6, e1001141.  | 2.1 | 90        |
| 31 | 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.   | 1.5 | 30        |
| 32 | 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. | 1.5 | 17        |
| 33 | Deaminase-Independent Inhibition of Parvoviruses by the APOBEC3A Cytidine Deaminase. <i>PLoS Pathogens</i> , 2009, 5, e1000439.   | 2.1 | 120       |
| 34 | 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.        | 1.5 | 7         |
| 35 | ELISAs using human bocavirus VP2 virus-like particles for detection of antibodies against HBoV. <i>Journal of Virological Methods</i> , 2008, 149, 110-117.   | 1.0 | 54        |
| 36 | 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.    | 1.5 | 18        |

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|----|---|-----|-----------|
| 37 | 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.   | 1.4 | 10        |
| 38 | 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.  | 1.5 | 62        |
| 39 | Processing of adeno-associated virus RNA. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 3101.   | 3.0 | 27        |
| 40 | Distance-Dependent Processing of Adeno-Associated Virus Type 5 RNA Is Controlled by 5' Exon Definition. <i>Journal of Virology</i> , 2007, 81, 7974-7984.   | 1.5 | 14        |
| 41 | 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.                               | 1.5 | 23        |
| 42 | 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.  | 1.5 | 2         |
| 43 | 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.                                | 1.5 | 16        |
| 44 | 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.   | 1.5 | 14        |
| 45 | 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.   | 1.5 | 49        |
| 46 | 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.  | 2.2 | 25        |
| 47 | 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.                                 | 1.0 | 30        |
| 48 | 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.                                | 1.0 | 230       |
| 49 | Identification and Characterization of Two Internal Cleavage and Polyadenylation Sites of Parvovirus B19 RNA. <i>Journal of Virology</i> , 2006, 80, 1604-1609.   | 1.5 | 32        |
| 50 | 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.                                | 1.5 | 12        |
| 51 | 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.                                     | 1.5 | 64        |
| 52 | 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.   | 1.5 | 10        |
| 53 | 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. | 1.3 | 11        |
| 54 | Replication of Minute Virus of Mice DNA Is Critically Dependent on Accumulated Levels of NS2. <i>Journal of Virology</i> , 2005, 79, 12375-12381.   | 1.5 | 27        |

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|----|--|-----|-----------|
| 55 | The Expression Strategy of Goose Parvovirus Exhibits Features of both the Dependovirus and Parvovirus Genera. <i>Journal of Virology</i> , 2005, 79, 11035-11044.  | 1.5 | 40        |
| 56 | 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.   | 1.5 | 58        |
| 57 | 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.  | 1.5 | 31        |
| 58 | 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. | 1.6 | 25        |
| 59 | Alternative Polyadenylation of Adeno-Associated Virus Type 5 RNA within an Internal Intron Is Governed by both a Downstream Element within the Intron and a Splice Acceptor and an Element Upstream of the P41 Initiation Site. <i>Journal of Virology</i> , 2004, 78, 83-93.                          | 1.5 | 21        |
| 60 | 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.  | 1.4 | 2         |
| 61 | 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.  | 1.5 | 64        |
| 62 | 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.  | 1.5 | 63        |
| 63 | Minute Virus of Mice Small Nonstructural Protein NS2 Interacts and Colocalizes with the Smn Protein. <i>Journal of Virology</i> , 2002, 76, 6364-6369.   | 1.5 | 24        |
| 64 | 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.   | 1.1 | 58        |
| 65 | 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.  | 1.5 | 55        |
| 66 | Molecular characterization of three newly recognized rat parvoviruses. <i>Journal of General Virology</i> , 2002, 83, 2075-2083.   | 1.3 | 30        |
| 67 | 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.  | 1.1 | 24        |
| 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.   | 1.3 | 7         |
| 69 | 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.  | 1.5 | 37        |
| 70 | 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.                                 | 1.6 | 32        |
| 71 | 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.  | 1.1 | 32        |
| 72 | 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.  | 1.1 | 26        |

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|----|--|-----|-----------|
| 73 | Amino Acids 16â€“275 of Minute Virus of Mice NS1 Include a Domain That Specifically Binds (ACCA)2â€“3-Containing DNA. <i>Virology</i> , 1998, 251, 123-131.                          | 1.1 | 16        |
| 74 | Determinants that govern alternative splicing of parvovirus pre-mRNAs. <i>Seminars in Virology</i> , 1995, 6, 283-290.   | 4.1 | 21        |
| 75 | Accumulation of MVM gene products is differentially regulated by transcription initiation, RNA processing and protein stability. <i>Virology</i> , 1991, 181, 22-34.                 | 1.1 | 107       |
| 76 | 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. | 1.0 | 5         |
| 77 | The genome of minute virus of mice, an autonomous parvovirus, encodes two overlapping transcription units. <i>Nucleic Acids Research</i> , 1983, 11, 1019-1038.                      | 6.5 | 197       |