

# Jianming Qiu

## List of Publications by Year in descending order

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118  
papers

5,337  
citations

70961

41  
h-index

98622

67  
g-index

122  
all docs

122  
docs citations

122  
times ranked

4569  
citing authors

#	ARTICLE	IF	CITATIONS
1	The family Parvoviridae. Archives of Virology, 2014, 159, 1239-1247.	0.9	555
2	ICTV Virus Taxonomy Profile: Parvoviridae. Journal of General Virology, 2019, 100, 367-368.	1.3	312
3	SARS-CoV-2 is an appropriate name for the new coronavirus. Lancet, The, 2020, 395, 949-950.	6.3	264
4	Human Parvoviruses. Clinical Microbiology Reviews, 2017, 30, 43-113.	5.7	258
5	Establishment of a Reverse Genetics System for Studying Human Bocavirus in Human Airway Epithelia. PLoS Pathogens, 2012, 8, e1002899.	2.1	137
6	6-methyladenosine modification and METTL3 modulate enterovirus 71 replication. Nucleic Acids Research, 2019, 47, 362-374.	6.5	133
7	Molecular Characterization of Infectious Clones of the Minute Virus of Canines Reveals Unique Features of Bocaviruses. Journal of Virology, 2009, 83, 3956-3967.	1.5	127
8	Adeno-associated Virus (AAV) Serotypes Have Distinctive Interactions with Domains of the Cellular AAV Receptor. Journal of Virology, 2017, 91, .	1.5	119
9	Characterization of the gene expression profile of human bocavirus. Virology, 2010, 403, 145-154.	1.1	111
10	Long-Term Modeling of SARS-CoV-2 Infection of In Vitro Cultured Polarized Human Airway Epithelium. MBio, 2020, 11, .	1.8	80
11	An Alternate Route for Adeno-associated Virus (AAV) Entry Independent of AAV Receptor. Journal of Virology, 2018, 92, .	1.5	77
12	The Genome of Human Parvovirus B19 Can Replicate in Nonpermissive Cells with the Help of Adenovirus Genes and Produces Infectious Virus. Journal of Virology, 2009, 83, 9541-9553.	1.5	75
13	The Interaction of Heparin Sulfate and Adeno-Associated Virus 2. Virology, 2000, 269, 137-147.	1.1	71
14	The small 11kDa nonstructural protein of human parvovirus B19 plays a key role in inducing apoptosis during B19 virus infection of primary erythroid progenitor cells. Blood, 2010, 115, 1070-1080.	0.6	68
15	Recent Advances in Replication and Infection of Human Parvovirus B19. Frontiers in Cellular and Infection Microbiology, 2018, 8, 166.	1.8	66
16	Parvovirus infection-induced cell death and cell cycle arrest. Future Virology, 2010, 5, 731-743.	0.9	65
17	Characterization of the Transcription Profile of Adeno-Associated Virus Type 5 Reveals a Number of Unique Features Compared to Previously Characterized Adeno-Associated Viruses. Journal of Virology, 2002, 76, 12435-12447.	1.5	64
18	The Transcription Profile of Aleutian Mink Disease Virus in CRFK Cells Is Generated by Alternative Processing of Pre-mRNAs Produced from a Single Promoter. Journal of Virology, 2006, 80, 654-662.	1.5	64

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19	Parvovirus B19 Infection of Human Primary Erythroid Progenitor Cells Triggers ATR-Chk1 Signaling, Which Promotes B19 Virus Replication. <i>Journal of Virology</i> , 2011, 85, 8046-8055.	1.5	64
20	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
21	Role of Erythropoietin Receptor Signaling in Parvovirus B19 Replication in Human Erythroid Progenitor Cells. <i>Journal of Virology</i> , 2010, 84, 12385-12396.	1.5	62
22	Productive Parvovirus B19 Infection of Primary Human Erythroid Progenitor Cells at Hypoxia Is Regulated by STAT5A and MEK Signaling but not HIF1 $\alpha$ . <i>PLoS Pathogens</i> , 2011, 7, e1002088.	2.1	62
23	A Novel Chimeric Adenoassociated Virus 2/Human Bocavirus 1 Parvovirus Vector Efficiently Transduces Human Airway Epithelia. <i>Molecular Therapy</i> , 2013, 21, 2181-2194.	3.7	62
24	Human parvovirus B19: a mechanistic overview of infection and DNA replication. <i>Future Virology</i> , 2015, 10, 155-167.	0.9	59
25	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
26	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
27	Genomic features of the human bocaviruses. <i>Future Virology</i> , 2012, 7, 31-39.	0.9	58
28	Bocavirus Infection Induces a DNA Damage Response That Facilitates Viral DNA Replication and Mediates Cell Death. <i>Journal of Virology</i> , 2011, 85, 133-145.	1.5	56
29	Human Parvovirus B19 Infection Causes Cell Cycle Arrest of Human Erythroid Progenitors at Late S Phase That Favors Viral DNA Replication. <i>Journal of Virology</i> , 2013, 87, 12766-12775.	1.5	55
30	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
31	Replication of an Autonomous Human Parvovirus in Non-dividing Human Airway Epithelium Is Facilitated through the DNA Damage and Repair Pathways. <i>PLoS Pathogens</i> , 2016, 12, e1005399.	2.1	54
32	Quantification of human bocavirus in lower respiratory tract infections in China. <i>Infectious Agents and Cancer</i> , 2007, 2, 3.	1.2	53
33	<i>In Vitro</i> Modeling of Human Bocavirus 1 Infection of Polarized Primary Human Airway Epithelia. <i>Journal of Virology</i> , 2013, 87, 4097-4102.	1.5	53
34	Direct Activation of Endothelial Cells by SARS-CoV-2 Nucleocapsid Protein Is Blocked by Simvastatin. <i>Journal of Virology</i> , 2021, 95, e0139621.	1.5	52
35	Nonstructural Protein NP1 of Human Bocavirus 1 Plays a Critical Role in the Expression of Viral Capsid Proteins. <i>Journal of Virology</i> , 2016, 90, 4658-4669.	1.5	50
36	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

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37	Human bocavirus 1 infects commercially available primary human airway epithelium cultures productively. <i>Journal of Virological Methods</i> , 2014, 195, 112-119.	1.0	49
38	A safe and highly efficacious measles virus-based vaccine expressing SARS-CoV-2 stabilized prefusion spike. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	48
39	A novel bocavirus in canine liver. <i>Virology Journal</i> , 2013, 10, 54.	1.4	47
40	Identification and Functional Analysis of Novel Nonstructural Proteins of Human Bocavirus 1. <i>Journal of Virology</i> , 2015, 89, 10097-10109.	1.5	46
41	Parvovirus B19 NS1 protein induces cell cycle arrest at G2-phase by activating the ATR-CDC25C-CDK1 pathway. <i>PLoS Pathogens</i> , 2017, 13, e1006266.	2.1	46
42	Bocavirus Infection Induces Mitochondrion-Mediated Apoptosis and Cell Cycle Arrest at G<sub>2</sub> /M Phase. <i>Journal of Virology</i> , 2010, 84, 5615-5626.	1.5	42
43	Human Parvovirus B19 DNA Replication Induces a DNA Damage Response That Is Dispensable for Cell Cycle Arrest at Phase G<sub>2</sub> /M. <i>Journal of Virology</i> , 2012, 86, 10748-10758.	1.5	42
44	Parvovirus infection-induced DNA damage response. <i>Future Virology</i> , 2013, 8, 245-257.	0.9	41
45	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
46	Depletion and recovery of lymphoid subsets following morphine administration. <i>British Journal of Pharmacology</i> , 2011, 164, 1829-1844.	2.7	38
47	Novel Chimeric Gene Therapy Vectors Based on Adeno-Associated Virus and Four Different Mammalian Bocaviruses. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 12, 202-222.	1.8	38
48	The RNA Architecture of the SARS-CoV-2 3'UTR-Untranslated Region. <i>Viruses</i> , 2020, 12, 1473.	1.5	37
49	The human parvovirus B19 non-structural protein 1 N-terminal domain specifically binds to the origin of replication in the viral DNA. <i>Virology</i> , 2014, 449, 297-303.	1.1	35
50	Human Bocavirus Type-1 Capsid Facilitates the Transduction of Ferret Airways by Adeno-Associated Virus Genomes. <i>Human Gene Therapy</i> , 2017, 28, 612-625.	1.4	34
51	Human Parvovirus B19 Utilizes Cellular DNA Replication Machinery for Viral DNA Replication. <i>Journal of Virology</i> , 2018, 92, .	1.5	34
52	SMC1-Mediated Intra-S-Phase Arrest Facilitates Bocavirus DNA Replication. <i>Journal of Virology</i> , 2013, 87, 4017-4032.	1.5	33
53	Human Parvovirus Infection of Human Airway Epithelia Induces Pyroptotic Cell Death by Inhibiting Apoptosis. <i>Journal of Virology</i> , 2017, 91, .	1.5	33
54	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

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55	Analysis of <i>cis</i> and <i>trans</i> Requirements for DNA Replication at the Right-End Hairpin of the Human Bocavirus 1 Genome. <i>Journal of Virology</i> , 2016, 90, 7761-7777.	1.5	32
56	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
57	Differential virus restriction patterns of rhesus macaque and human APOBEC3A: Implications for lentivirus evolution. <i>Virology</i> , 2011, 419, 24-42.	1.1	31
58	Novel Amdoparvovirus Infecting Farmed Raccoon Dogs and Arctic Foxes. <i>Emerging Infectious Diseases</i> , 2014, 20, 2085-2088.	2.0	31
59	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
60	DNA Damage Signaling Is Required for Replication of Human Bocavirus 1 DNA in Dividing HEK293 Cells. <i>Journal of Virology</i> , 2017, 91, .	1.5	30
61	Molecular characterization of the small nonstructural proteins of parvovirus Aleutian mink disease virus (AMDV) during infection. <i>Virology</i> , 2014, 452-453, 23-31.	1.1	29
62	Human Bocavirus 1 Is a Novel Helper for Adeno-associated Virus Replication. <i>Journal of Virology</i> , 2017, 91, .	1.5	29
63	Processing of adeno-associated virus RNA. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 3101.	3.0	27
64	Characterization of the Nonstructural Proteins of the Bocavirus Minute Virus of Canines. <i>Journal of Virology</i> , 2013, 87, 1098-1104.	1.5	27
65	Viral Nonstructural Protein 1 Induces Mitochondrion-Mediated Apoptosis in Mink Enteritis Virus Infection. <i>Journal of Virology</i> , 2019, 93, .	1.5	27
66	Structure of the NS1 Protein N-Terminal Origin Recognition/Nickase Domain from the Emerging Human Bocavirus. <i>Journal of Virology</i> , 2013, 87, 11487-11493.	1.5	26
67	Phosphorylated STAT5 directly facilitates parvovirus B19 DNA replication in human erythroid progenitors through interaction with the MCM complex. <i>PLoS Pathogens</i> , 2017, 13, e1006370.	2.1	26
68	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
69	Internal Polyadenylation of the Parvovirus B19 Precursor mRNA Is Regulated by Alternative Splicing. <i>Journal of Biological Chemistry</i> , 2011, 286, 24793-24805.	1.6	25
70	Molecular characterization of the newly identified human parvovirus 4 in the family Parvoviridae. <i>Virology</i> , 2012, 422, 59-69.	1.1	23
71	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
72	Development of a Novel Recombinant Adeno-Associated Virus Production System Using Human Bocavirus 1 Helper Genes. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 11, 40-51.	1.8	21

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73	Endonuclease Activity Inhibition of the NS1 Protein of Parvovirus B19 as a Novel Target for Antiviral Drug Development. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	21
74	The SARS-CoV-2 Transcriptome and the Dynamics of the S Gene Furin Cleavage Site in Primary Human Airway Epithelia. <i>MBio</i> , 2021, 12, .	1.8	21
75	The Determinants for the Enzyme Activity of Human Parvovirus B19 Phospholipase A2 (PLA2) and Its Influence on Cultured Cells. <i>PLoS ONE</i> , 2013, 8, e61440.	1.1	20
76	Parvovirus Expresses a Small Noncoding RNA That Plays an Essential Role in Virus Replication. <i>Journal of Virology</i> , 2017, 91, .	1.5	19
77	RNA Binding Protein RBM38 Regulates Expression of the 11-Kilodalton Protein of Parvovirus B19, Which Facilitates Viral DNA Replication. <i>Journal of Virology</i> , 2018, 92, .	1.5	17
78	Molecular characterization of caprine adeno-associated virus (AAV-Go.1) reveals striking similarity to human AAV5. <i>Virology</i> , 2006, 356, 208-216.	1.1	16
79	Development of one-step SYBR Green real-time RT-PCR for quantifying bovine viral diarrhea virus type-1 and its comparison with conventional RT-PCR. <i>Virology Journal</i> , 2011, 8, 374.	1.4	16
80	Cellular Cleavage and Polyadenylation Specificity Factor 6 (CPSF6) Mediates Nuclear Import of Human Bocavirus 1 NP1 Protein and Modulates Viral Capsid Protein Expression. <i>Journal of Virology</i> , 2020, 94, .	1.5	16
81	Persistence of Human Bocavirus 1 in Tonsillar Germinal Centers and Antibody-Dependent Enhancement of Infection. <i>MBio</i> , 2021, 12, .	1.8	16
82	Discovery of Small Anti-ACE2 Peptides to Inhibit SARS-CoV-2 Infectivity. <i>Advanced Therapeutics</i> , 2021, 4, 2100087.	1.6	16
83	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
84	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
85	Inhibition of Hepatitis C Virus Replication In Vitro by Xanthohumol, A Natural Product Present in Hops. <i>Planta Medica</i> , 2014, 80, 171-176.	0.7	14
86	Establishment of a High-Yield Recombinant Adeno-Associated Virus/Human Bocavirus Vector Production System Independent of Bocavirus Nonstructural Proteins. <i>Human Gene Therapy</i> , 2019, 30, 556-570.	1.4	14
87	RNA Binding Motif Protein RBM45 Regulates Expression of the 11-Kilodalton Protein of Parvovirus B19 through Binding to Novel Intron Splicing Enhancers. <i>MBio</i> , 2020, 11, .	1.8	14
88	Recent Advances in Molecular Biology of Human Bocavirus 1 and Its Applications. <i>Frontiers in Microbiology</i> , 2021, 12, 696604.	1.5	14
89	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
90	Molecular characterization of human parvovirus B19 genotypes 2 and 3. <i>Virology</i> , 2009, 394, 276-285.	1.1	12

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91	Inclusion of the Central Exon of Parvovirus B19 Precursor mRNA Is Determined by Multiple Splicing Enhancers in both the Exon and the Downstream Intron. <i>Journal of Virology</i> , 2011, 85, 2463-2468.	1.5	12
92	Internal polyadenylation of parvoviral precursor mRNA limits progeny virus production. <i>Virology</i> , 2012, 426, 167-177.	1.1	12
93	Human Bocavirus 1 Infection of Well-Differentiated Human Airway Epithelium. <i>Current Protocols in Microbiology</i> , 2020, 58, e107.	6.5	12
94	A Methyltransferase-Defective Vesicular Stomatitis Virus-Based SARS-CoV-2 Vaccine Candidate Provides Complete Protection against SARS-CoV-2 Infection in Hamsters. <i>Journal of Virology</i> , 2021, 95, e0059221.	1.5	11
95	Parvovirus RNA processing strategies. , 2005, , 253-273.		11
96	Elevated sICAM-1 levels in patients with hemorrhagic fever with renal syndrome caused by Hantaan virus. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2010, 29, 1507-1511.	1.3	10
97	The 11-Kilodalton Nonstructural Protein of Human Parvovirus B19 Facilitates Viral DNA Replication by Interacting with Grb2 through Its Proline-Rich Motifs. <i>Journal of Virology</i> , 2019, 93, .	1.5	9
98	Establishment of a Replicon Reporter of the Emerging Tick-Borne Bourbon Virus and Use It for Evaluation of Antivirals. <i>Frontiers in Microbiology</i> , 2020, 11, 572631.	1.5	9
99	The N-Terminal 5-68 Amino Acids Domain of the Minor Capsid Protein VP1 of Human Parvovirus B19 Enters Human Erythroid Progenitors and Inhibits B19 Infection. <i>Journal of Virology</i> , 2021, 95, .	1.5	9
100	Chipmunk Parvovirus Is Distinct from Members in the Genus Erythrovirus of the Family Parvoviridae. <i>PLoS ONE</i> , 2010, 5, e15113.	1.1	9
101	Hantaviruses use the endogenous host factor P58IPK to combat the PKR antiviral response. <i>PLoS Pathogens</i> , 2021, 17, e1010007.	2.1	8
102	High-Throughput Screening Identifies Inhibitors for Parvovirus B19 Infection of Human Erythroid Progenitors. <i>Journal of Virology</i> , 2022, 96, JVI0132621.	1.5	8
103	Establishment of a Recombinant AAV2/HBoV1 Vector Production System in Insect Cells. <i>Genes</i> , 2020, 11, 439.	1.0	6
104	The small nonstructural protein NP1 of human bocavirus 1 directly interacts with Ku70 and RPA70 and facilitates viral DNA replication. <i>PLoS Pathogens</i> , 2022, 18, e1010578.	2.1	6
105	The DNA replication, virogenesis and infection of canine minute virus in non-permissive and permissive cells. <i>Virus Research</i> , 2014, 179, 147-152.	1.1	5
106	Establishment of a Parvovirus B19 NS1-Expressing Recombinant Adenoviral Vector for Killing Megakaryocytic Leukemia Cells. <i>Viruses</i> , 2019, 11, 820.	1.5	5
107	A Comprehensive RNA-seq Analysis of Human Bocavirus 1 Transcripts in Infected Human Airway Epithelium. <i>Viruses</i> , 2019, 11, 33.	1.5	5
108	The Large Nonstructural Protein (NS1) of Human Bocavirus 1 Directly Interacts with Ku70, Which Plays an Important Role in Virus Replication in Human Airway Epithelia. <i>Journal of Virology</i> , 2022, 96, JVI0184021.	1.5	5

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109	Bombyx mori Pupae Efficiently Produce Recombinant AAV2/HBoV1 Vectors with a Bombyx mori Nuclear Polyhedrosis Virus Expression System. <i>Viruses</i> , 2021, 13, 704.	1.5	3
110	Hairpin Transfer-Independent Parvovirus DNA Replication Produces Infectious Virus. <i>Journal of Virology</i> , 2021, 95, e0110821.	1.5	3
111	Bocavirus. , 2011, , 1209-1215.		3
112	Eight Years of Research Advances in Bourbon Virus, a Tick-borne Thogotovirus of the Orthomyxovirus Family. <i>Zoonoses</i> , 2022, 2, .	0.5	3
113	A chimeric human APOBEC3A protein with a three amino acid insertion confers differential HIV-1 and adeno-associated virus restriction. <i>Virology</i> , 2016, 498, 149-163.	1.1	2
114	Sequences of Seven Complete Genomes of Human Parvovirus B19. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	1
115	Editorial: Biosafety and Biosecurity Approaches to Counter SARS-CoV-2: From Detection to Best Practices and Risk Assessments. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 752909.	2.0	1
116	254. New Chimeric Gene Therapy Vectors Based on Four Different Mammalian Bocaviruses. <i>Molecular Therapy</i> , 2016, 24, S100.	3.7	0
117	Human Boca- and Protoparvoviruses (Parvoviridae). , 2021, , 419-427.		0
118	Discovery of Small Anti-ACE2 Peptides to Inhibit SARS-CoV-2 Infectivity (Adv. Therap. 7/2021). <i>Advanced Therapeutics</i> , 2021, 4, 2170016.	1.6	0