Zhi-Ming Zheng

List of Publications by Year
in descending order

116 papers	6,805 citations	66234 42 h-index	66788 78 g-index
125 all docs	125 docs citations	125 times ranked	7986 citing authors

#	Article	IF	Citations
1	Impaired DNA Damage Response, Genome Instability, and Tumorigenesis in SIRT1 Mutant Mice. Cancer Cell, 2008, 14, 312-323.	7.7	715
2	Aberrant Expression of Oncogenic and Tumor-Suppressive MicroRNAs in Cervical Cancer Is Required for Cancer Cell Growth. PLoS ONE, 2008, 3, e2557.	1.1	610
3	Papillomavirus genome structure, expression, and post-transcriptional regulation. Frontiers in Bioscience - Landmark, 2006, 11, 2286.	3.0	387
4	SARS-CoV-2 is an appropriate name for the new coronavirus. Lancet, The, 2020, 395, 949-950.	6.3	264
5	Oncogenic HPV infection interrupts the expression of tumor-suppressive miR-34a through viral oncoprotein E6. Rna, 2009, 15, 637-647.	1.6	203
6	The E7 Oncoprotein Is Translated from Spliced E6*I Transcripts in High-Risk Human Papillomavirus Type 16- or Type 18-Positive Cervical Cancer Cell Lines via Translation Reinitiation. Journal of Virology, 2006, 80, 4249-4263.	1.5	187
7	Regulation of cellular miRNA expression by human papillomaviruses. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2011, 1809, 668-677.	0.9	175
8	SRp20 is a proto-oncogene critical for cell proliferation and tumor induction and maintenance. International Journal of Biological Sciences, 2010, 6, 806-826.	2.6	173
9	microRNAs are biomarkers of oncogenic human papillomavirus infections. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4262-4267.	3.3	168
10	Regulation of alternative RNA splicing by exon definition and exon sequences in viral and mammalian gene expression. Journal of Biomedical Science, 2004, 11, 278-294.	2.6	144
11	SARS-CoV-2: from its discovery to genome structure, transcription, and replication. Cell and Bioscience, 2021, 11, 136.	2.1	140
12	Downregulation of splicing factor SRSF3 induces p53Î², an alternatively spliced isoform of p53 that promotes cellular senescence. Oncogene, 2013, 32, 2792-2798.	2.6	127
13	Colorectal Papillomavirus Infection in Patients with Colorectal Cancer. Clinical Cancer Research, 2005, 11, 2862-2867.	3.2	120
14	Could Human Papillomaviruses Be Spread through Blood?. Journal of Clinical Microbiology, 2005, 43, 5428-5434.	1.8	113
15	A genome landscape of SRSF3-regulated splicing events and gene expression in human osteosarcoma U2OS cells. Nucleic Acids Research, 2016, 44, 1854-1870.	6.5	112
16	Both Decreased and Increased SRPK1 Levels Promote Cancer by Interfering with PHLPP-Mediated Dephosphorylation of Akt. Molecular Cell, 2014, 54, 378-391.	4.5	105
17	Novel Splice Variants of ING4 and Their Possible Roles in the Regulation of Cell Growth and Motility. Journal of Biological Chemistry, 2006, 281, 34677-34686.	1.6	88
18	Construction of a Full Transcription Map of Human Papillomavirus Type 18 during Productive Viral Infection. Journal of Virology, 2011, 85, 8080-8092.	1.5	87

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19	Regulation of alternative RNA splicing by exon definition and exon sequences in viral and mammalian gene expression. , 2004, 11, 278-94.		84
20	Control of the Papillomavirus Early-to-Late Switch by Differentially Expressed SRp20. Journal of Virology, 2009, 83, 167-180.	1.5	82
21	Viral Oncogenes, Noncoding RNAs, and RNA Splicing in Human Tumor Viruses. International Journal of Biological Sciences, 2010, 6, 730-755.	2.6	81
22	Targeted Disruption of Kaposi's Sarcoma-Associated Herpesvirus ORF57 in the Viral Genome Is Detrimental for the Expression of ORF59, K8Î±, and K8.1 and the Production of Infectious Virus. Journal of Virology, 2007, 81, 1062-1071.	1.5	76
23	Upregulation of p18Ink4c expression by oncogenic HPV E6 via p53â€miRâ€34a pathway. International Journal of Cancer, 2011, 129, 1362-1372.	2.3	71
24	Kaposi's Sarcoma-Associated Herpesvirus ORF57 Functions as a Viral Splicing Factor and Promotes Expression of Intron-Containing Viral Lytic Genes in Spliceosome-Mediated RNA Splicing. Journal of Virology, 2008, 82, 2792-2801.	1.5	70
25	Structural and Functional Analyses of Kaposi Sarcoma-associated Herpesvirus ORF57 Nuclear Localization Signals in Living Cells. Journal of Biological Chemistry, 2006, 281, 28365-28378.	1.6	67
26	Kaposi's Sarcoma-Associated Herpesvirus ORF57 Promotes Escape of Viral and Human Interleukin-6 from MicroRNA-Mediated Suppression. Journal of Virology, 2011, 85, 2620-2630.	1.5	67
27	E6^E7, a Novel Splice Isoform Protein of Human Papillomavirus 16, Stabilizes Viral E6 and E7 Oncoproteins via HSP90 and GRP78. MBio, 2015, 6, e02068-14.	1.8	66
28	Stability of a Long Noncoding Viral RNA Depends on a 9-Nt Core Element at the RNA 5' End to Interact with Viral ORF57 and Cellular PABPC1. International Journal of Biological Sciences, 2011, 7, 1145-1160.	2.6	64
29	Splicing of a Cap-proximal Human Papillomavirus 16 E6E7 Intron Promotes E7 Expression, but can be Restrained by Distance of the Intron from its RNA 5â€² Cap. Journal of Molecular Biology, 2004, 337, 1091-1108.	2.0	60
30	Inhibition by delta-9-tetrahydrocannabinol of tumor necrosis factor alpha production by mouse and human macrophages. International Journal of Immunopharmacology, 1992, 14, 1445-1452.	1.1	59
31	Genetic Organization and Hypoxic Activation of the Kaposi's Sarcoma-Associated Herpesvirus ORF34-37 Gene Cluster. Journal of Virology, 2006, 80, 7037-7051.	1.5	59
32	Kaposi's sarcomaâ€associated herpesviral ILâ€6 and human ILâ€6 open reading frames contain miRNA binding sites and are subject to cellular miRNA regulation. Journal of Pathology, 2011, 225, 378-389.	2.1	59
33	KSHV inhibits stress granule formation by viral ORF57 blocking PKR activation. PLoS Pathogens, 2017, 13, e1006677.	2.1	59
34	Gene Structure and Expression of Kaposi's Sarcoma-Associated Herpesvirus ORF56, ORF57, ORF58, and ORF59. Journal of Virology, 2006, 80, 11968-11981.	1.5	57
35	Towards Better Understanding of KSHV Life Cycle: from Transcription and Posttranscriptional Regulations to Pathogenesis. Virologica Sinica, 2019, 34, 135-161.	1.2	55
36	SignalsThat Dictate Nuclear Localization of Human Papillomavirus Type 16Oncoprotein E6 in LivingCells. Journal of Virology, 2003, 77, 13232-13247.	1.5	52

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37	Short-term induction and long-term suppression of HPV16 oncogene silencing by RNA interference in cervical cancer cells. Oncogene, 2006, 25, 2094-2104.	2.6	51
38	Viral Regulation of RNA Granules in Infected Cells. Virologica Sinica, 2019, 34, 175-191.	1.2	50
39	A Viral Genome Landscape of RNA Polyadenylation from KSHV Latent to Lytic Infection. PLoS Pathogens, 2013, 9, e1003749.	2.1	49
40	Interplay between Polyadenylate-Binding Protein 1 and Kaposi's Sarcoma-Associated Herpesvirus ORF57 in Accumulation of Polyadenylated Nuclear RNA, a Viral Long Noncoding RNA. Journal of Virology, 2013, 87, 243-256.	1.5	49
41	Oncogenes and RNA splicing of human tumor viruses. Emerging Microbes and Infections, 2014, 3, 1-16.	3.0	49
42	Enterovirus 71 isolated from China is serologically similar to the prototype E71 BrCr strain but differs in the 5â€²-noncoding region. Journal of Medical Virology, 1995, 47, 161-167.	2.5	47
43	Requirement of a 12-Base-Pair TATT-Containing Sequence and Viral Lytic DNA Replication in Activation of the Kaposi's Sarcoma-Associated Herpesvirus K8.1 Late Promoter. Journal of Virology, 2004, 78, 2609-2614.	1.5	47
44	Intron Definition and a Branch Site Adenosine at nt 385 Control RNA Splicing of HPV16 E6*I and E7 Expression. PLoS ONE, 2012, 7, e46412.	1.1	47
45	Genome-Wide Profiling of Cervical RNA-Binding Proteins Identifies Human Papillomavirus Regulation of RNASEH2A Expression by Viral E7 and E2F1. MBio, 2019, 10, .	1.8	47
46	Oncogenic splicing factor SRSF3 regulates ILF3 alternative splicing to promote cancer cell proliferation and transformation. Rna, 2019, 25, 630-644.	1.6	47
47	The full transcription map of mouse papillomavirus type 1 (MmuPV1) in mouse wart tissues. PLoS Pathogens, 2017, 13, e1006715.	2.1	47
48	Split genes and their expression in Kaposi's sarcoma-associated herpesvirus. Reviews in Medical Virology, 2003, 13, 173-184.	3.9	46
49	Human papillomavirus type 16 E2 and E6 are RNA-binding proteins and inhibit in vitro splicing of pre-mRNAs with suboptimal splice sites. Virology, 2009, 386, 32-43.	1.1	46
50	Exonic Splicing Enhancer-Dependent Selection of the Bovine Papillomavirus Type 1 Nucleotide 3225 3â€² Splice Site Can Be Rescued in a Cell Lacking Splicing Factor ASF/SF2 through Activation of the Phosphatidylinositol 3-Kinase/Akt Pathway. Journal of Virology, 2003, 77, 2105-2115.	1.5	45
51	Kaposi's Sarcoma-associated Herpesvirus K8 Exon 3 Contains Three 5â€²-Splice Sites and Harbors a K8.1 Transcription Start Site. Journal of Biological Chemistry, 2002, 277, 14547-14556.	1.6	41
52	Serine/Arginine-Rich Splicing Factor 3 and Heterogeneous Nuclear Ribonucleoprotein A1 Regulate Alternative RNA Splicing and Gene Expression of Human Papillomavirus 18 through Two Functionally Distinguishable cis Elements. Journal of Virology, 2016, 90, 9138-9152.	1.5	40
53	Kaposi's Sarcoma-Associated Herpesvirus ORF57 Interacts with Cellular RNA Export Cofactors RBM15 and OTT3 To Promote Expression of Viral ORF59. Journal of Virology, 2011, 85, 1528-1540.	1.5	39
54	KSHV ORF57, a Protein of Many Faces. Viruses, 2015, 7, 604-633.	1.5	39

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55	Development of Resistance to RNAi in Mammalian Cells. Annals of the New York Academy of Sciences, 2005, 1058, 105-118.	1.8	38
56	Attenuation of the suppressive activity of cellular splicing factor SRSF3 by Kaposi sarcomaâ€“associated herpesvirus ORF57 protein is required for RNA splicing. Rna, 2014, 20, 1747-1758.	1.6	37
57	Kaposi's sarcoma-associated herpesvirus ORF57 in viral RNA processing. Frontiers in Bioscience - Landmark, 2009, Volume, 1516.	3.0	36
58	Utilization of the Bovine Papillomavirus Type 1 Late-Stage-Specific Nucleotide 3605 3â€² Splice Site Is Modulated by a Novel Exonic Bipartite Regulator but Not by an Intronic Purine-Rich Element. Journal of Virology, 2000, 74, 10612-10622.	1.5	34
59	Cell Type- and Tissue Context-dependent Nuclear Distribution of Human Ago2. Journal of Biological Chemistry, 2016, 291, 2302-2309.	1.6	33
60	Papillomavirus can be transmitted through the blood and produce infections in blood recipients: Evidence from two animal models. Emerging Microbes and Infections, 2019, 8, 1108-1121.	3.0	31
61	Oncogenic HPV promotes the expression of the long noncoding RNA lnc-FANCI-2 through E7 and YY1. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	31
62	Stability of Structured Kaposi's Sarcoma-Associated Herpesvirus ORF57 Protein Is Regulated by Protein Phosphorylation and Homodimerization. Journal of Virology, 2015, 89, 3256-3274.	1.5	30
63	Caspase-7 Cleavage of Kaposi Sarcoma-associated Herpesvirus ORF57 Confers a Cellular Function against Viral Lytic Gene Expression. Journal of Biological Chemistry, 2010, 285, 11297-11307.	1.6	29
64	KSHV RNA-binding protein ORF57 inhibits P-body formation to promote viral multiplication by interaction with Ago2 and GW182. Nucleic Acids Research, 2019, 47, 9368-9385.	6.5	29
65	Stress keratin 17 enhances papillomavirus infection-induced disease by downregulating T cell recruitment. PLoS Pathogens, 2020, 16, e1008206.	2.1	27
66	Regulation of bovine papillomavirus type 1 gene expression by RNA processing. Frontiers in Bioscience - Landmark, 2009, Volume, 1270.	3.0	27
67	Kaposi's Sarcoma-Associated Herpesvirus K8Î² Is Derived from a Spliced Intermediate of K8 Pre-mRNA and Antagonizes K8Î± (K-bZIP) To Induce p21 and p53 and Blocks K8Î±-CDK2 Interaction. Journal of Virology, 2005, 79, 14207-14221.	1.5	24
68	CRISPR/Cas9-Mediated Knockout and In Situ Inversion of the ORF57 Gene from All Copies of the Kaposi's Sarcoma-Associated Herpesvirus Genome in BCBL-1 Cells. Journal of Virology, 2019, 93, .	1.5	24
69	Delta-9-tetrahydrocannabinol suppresses tumor necrosis factor Î± maturation and secretion but not its transcription in mouse macrophages. International Journal of Immunopharmacology, 1996, 18, 53-68.	1.1	23
70	KSHV episome tethering sites on host chromosomes and regulation of latency-lytic switch by CHD4. Cell Reports, 2022, 39, 110788.	2.9	23
71	Human Papillomavirus Type 58 Genome Variations and RNA Expression in Cervical Lesions. Journal of Virology, 2013, 87, 9313-9322.	1.5	22
72	Mouse papillomavirus infections spread to cutaneous sites with progression to malignancy. Journal of General Virology, 2017, 98, 2520-2529.	1.3	22

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73	HPV16 and HPV18 Genome Structure, Expression, and Post-Transcriptional Regulation. International Journal of Molecular Sciences, 2022, 23, 4943.	1.8	22
74	Optimization of a Weak 3â€² Splice Site Counteracts the Function of a Bovine Papillomavirus Type 1 Exonic Splicing Suppressor In Vitro and In Vivo. Journal of Virology, 2000, 74, 5902-5910.	1.5	21
75	A novel ING2 isoform, ING2b, synergizes with ING2a to prevent cell cycle arrest and apoptosis. FEBS Letters, 2008, 582, 3868-3874.	1.3	19
76	Current Status of Human Papillomavirus-Related Head and Neck Cancer: From Viral Genome to Patient Care. Virologica Sinica, 2021, 36, 1284-1302.	1.2	18
77	XPCbranch-point sequence mutations disrupt U2 snRNP binding, resulting in abnormal pre-mRNA splicing in xeroderma pigmentosum patients. Human Mutation, 2010, 31, 167-175.	1.1	17
78	Multiple Regions of Kaposiâ€™s Sarcoma-Associated Herpesvirus ORF59 RNA are Required for Its Expression Mediated by Viral ORF57 and Cellular RBM15. Viruses, 2015, 7, 496-510.	1.5	17
79	HPV18 Utilizes Two Alternative Branch Sites for E6*I Splicing to Produce E7 Protein. Virologica Sinica, 2019, 34, 211-221.	1.2	17
80	Human Papillomavirus Type 16 Circular RNA Is Barely Detectable for the Claimed Biological Activity. MBio, 2022, 13, e0359421.	1.8	17
81	The crystal structure of KSHV ORF57 reveals dimeric active sites important for protein stability and function. PLoS Pathogens, 2018, 14, e1007232.	2.1	15
82	Kaposi's Sarcoma-Associated Herpesvirus ORF57 Is Not a Bona Fide Export Factor. Journal of Virology, 2012, 86, 13089-13094.	1.5	14
83	Genome Sequence of Erythromelalgia-Related Poxvirus Identifies it as an Ectromelia Virus Strain. PLoS ONE, 2012, 7, e34604.	1.1	14
84	Parameters that affect in vitro splicing of bovine papillomavirus type 1 late pre-mRNAs. Journal of Virological Methods, 2000, 85, 203-214.	1.0	13
85	Viral DNA Replication Orientation and hnRNPs Regulate Transcription of the Human Papillomavirus 18 Late Promoter. MBio, 2017, 8, .	1.8	12
86	A Genome-Wide Epstein-Barr Virus Polyadenylation Map and Its Antisense RNA to EBNA. Journal of Virology, 2019, 93, .	1.5	12
87	Novel EBV LMP-2-affibody and affitoxin in molecular imaging and targeted therapy of nasopharyngeal carcinoma. PLoS Pathogens, 2020, 16, e1008223.	2.1	12
88	Mouse papillomavirus type 1 (MmuPV1) DNA is frequently integrated in benign tumors by microhomology-mediated end-joining. PLoS Pathogens, 2021, 17, e1009812.	2.1	12
89	Circular RNAs and RNase L in PKR activation and virus infection. Cell and Bioscience, 2019, 9, 43.	2.1	11
90	Requirement of UAP56, URH49, RBM15, and OTT3 in the expression of Kaposi sarcoma-associated herpesvirus ORF57. Virology, 2010, 407, 206-212.	1.1	10

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91	Effect of CP-20,961 on genital herpes in guinea pigs. Antiviral Research, 1983, 3, 275-283.	1.9	9
92	Alternative RNA splicing of KSHV ORF57 produces two different RNA isoforms. Virology, 2016, 488, 81-87.	1.1	6
93	Ecdysoneless Protein Regulates Viral and Cellular mRNA Splicing to Promote Cervical Oncogenesis. Molecular Cancer Research, 2022, 20, 305-318.	1.5	6
94	Protein-RNA Interactome Analysis Reveals Wide Association of Kaposiâ€™s Sarcoma-Associated Herpesvirus ORF57 with Host Noncoding RNAs and Polysomes. Journal of Virology, 2022, 96, JVI0178221.	1.5	6
95	Genome sequencing accuracy by RCA-seq versus long PCR template cloning and sequencing in identification of human papillomavirus type 58. Cell and Bioscience, 2014, 4, 5.	2.1	5
96	Genome-wide regulation of KSHV RNA splicing by viral RNA-binding protein ORF57. PLoS Pathogens, 2022, 18, e1010311.	2.1	5
97	Thymic hypoplasia, splenomegaly and immune depression in guinea pigs with neonatal cytomegalovirus infection. Developmental and Comparative Immunology, 1987, 11, 407-418.	1.0	4
98	Detection of Viral RNA Splicing in Diagnostic Virology. , 2013, , 693-748.		4
99	Vemurafenib-resistant BRAF selects alternative branch points different from its wild-type BRAF in intron 8 for RNA splicing. Cell and Bioscience, 2015, 5, 70.	2.1	4
100	HPV18 DNA replication inactivates the early promoter P55 activity and prevents viral E6 expression. Virologica Sinica, 2016, 31, 437-440.	1.2	4
101	Construction of a Transcription Map for Papillomaviruses using RACE, RNase Protection, and Primer Extension Assays. Current Protocols in Microbiology, 2016, 40, 14B.6.1-14B.6.29.	6.5	4
102	RNA Granules in Antiviral Innate Immunity: A Kaposiâ€™s Sarcoma-Associated Herpesvirus Journey. Frontiers in Microbiology, 2021, 12, 794431.	1.5	4
103	Delta-9-tetrahydrocannabinol: An inhibitor of STAT1Î± protein tyrosine phosphorylation. Biochemical Pharmacology, 1996, 51, 967-973.	2.0	3
104	CLIPâ€seq to Identify KSHV ORF57â€Binding RNA in Host B Cells. Current Protocols in Microbiology, 2016, 41, 1E.11.1-1E.11.18.	6.5	3
105	PAâ€seq for Global Identification of RNA Polyadenylation Sites of Kaposi's Sarcomaâ€“Associated Herpesvirus Transcripts. Current Protocols in Microbiology, 2016, 41, 14E.7.1-14E.7.18.	6.5	2
106	Correction: Yu et al. HPV16 and HPV18 Genome Structure, Expression, and Post-Transcriptional Regulation. Int. J. Mol. Sci. 2022, 23, 4943. International Journal of Molecular Sciences, 2022, 23, 7903.	1.8	2
107	Comparison of enterovirus 71 (E71) isolated from a patient with hand-foot-and-mouth disease in China to prototype E71 BrCr strain by polymerase chain reaction using a unique primer pair. Clinical and Diagnostic Virology, 1993, 1, 137-139.	1.8	1
108	Human Papillomaviruses. , 2014, , 87-112.		1

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109	Detection of Viral RNA Splicing in Diagnostic Virology. , 2018, , 345-402.		1
110	Reply to Wang et al., â€œAssessment of the Abundance and Potential Function of Human Papillomavirus Type 16 Circular E7 RNAâ€• MBio, 2022, 13, e0075822.	1.8	1
111	Upregulation of p18Ink4c expression by HPV E6 via p53-miR-34a pathway. Infectious Agents and Cancer, 2010, 5, .	1.2	0
112	Kaposiâ€™s sarcoma-associated herpesvirus ORF57 promotes escape of viral and human IL6 RNAs from microRNA-mediated suppression. Infectious Agents and Cancer, 2010, 5, .	1.2	0
113	Human Papillomavirus (HPV). , 2013, , 1-15.		0
114	Adapted Resistance to the Knockdown Effect of shRNA-Derived Srsf3 siRNAs in Mouse Littermates. International Journal of Biological Sciences, 2015, 11, 1248-1256.	2.6	0
115	Human Papillomavirus (HPV). , 2018, , 1028-1041.		0
116	Linking a nuclear lncRNA to cytoplasmic lysosome integrity and cell death. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	0