

Zhi-Ming Zheng

List of Publications by Year in descending order

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116
papers

6,805
citations

61984

43
h-index

64796

79
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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. <i>Cancer Cell</i> , 2008, 14, 312-323.	16.8	715
2	Aberrant Expression of Oncogenic and Tumor-Suppressive MicroRNAs in Cervical Cancer Is Required for Cancer Cell Growth. <i>PLoS ONE</i> , 2008, 3, e2557.	2.5	610
3	Papillomavirus genome structure, expression, and post-transcriptional regulation. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 2286.	3.0	387
4	SARS-CoV-2 is an appropriate name for the new coronavirus. <i>Lancet, The</i> , 2020, 395, 949-950.	13.7	264
5	Oncogenic HPV infection interrupts the expression of tumor-suppressive miR-34a through viral oncoprotein E6. <i>Rna</i> , 2009, 15, 637-647.	3.5	203
6	The E7 Oncoprotein Is Translated from Spliced E6*1 Transcripts in High-Risk Human Papillomavirus Type 16- or Type 18-Positive Cervical Cancer Cell Lines via Translation Reinitiation. <i>Journal of Virology</i> , 2006, 80, 4249-4263.	3.4	187
7	Regulation of cellular miRNA expression by human papillomaviruses. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2011, 1809, 668-677.	1.9	175
8	SRp20 is a proto-oncogene critical for cell proliferation and tumor induction and maintenance. <i>International Journal of Biological Sciences</i> , 2010, 6, 806-826.	6.4	173
9	microRNAs are biomarkers of oncogenic human papillomavirus infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4262-4267.	7.1	168
10	Regulation of alternative RNA splicing by exon definition and exon sequences in viral and mammalian gene expression. <i>Journal of Biomedical Science</i> , 2004, 11, 278-294.	7.0	144
11	SARS-CoV-2: from its discovery to genome structure, transcription, and replication. <i>Cell and Bioscience</i> , 2021, 11, 136.	4.8	140
12	Downregulation of splicing factor SRSF3 induces p53 ^{Δ2} , an alternatively spliced isoform of p53 that promotes cellular senescence. <i>Oncogene</i> , 2013, 32, 2792-2798.	5.9	127
13	Colorectal Papillomavirus Infection in Patients with Colorectal Cancer. <i>Clinical Cancer Research</i> , 2005, 11, 2862-2867.	7.0	120
14	Could Human Papillomaviruses Be Spread through Blood?. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5428-5434.	3.9	113
15	A genome landscape of SRSF3-regulated splicing events and gene expression in human osteosarcoma U2OS cells. <i>Nucleic Acids Research</i> , 2016, 44, 1854-1870.	14.5	112
16	Both Decreased and Increased SRPK1 Levels Promote Cancer by Interfering with PHLPP-Mediated Dephosphorylation of Akt. <i>Molecular Cell</i> , 2014, 54, 378-391.	9.7	105
17	Novel Splice Variants of ING4 and Their Possible Roles in the Regulation of Cell Growth and Motility. <i>Journal of Biological Chemistry</i> , 2006, 281, 34677-34686.	3.4	88
18	Construction of a Full Transcription Map of Human Papillomavirus Type 18 during Productive Viral Infection. <i>Journal of Virology</i> , 2011, 85, 8080-8092.	3.4	87

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19	Regulation of Alternative RNA Splicing by Exon Definition and Exon Sequences in Viral and Mammalian Gene Expression. <i>Journal of Biomedical Science</i> , 2004, 11, 278-294.	7.0	84
20	Control of the Papillomavirus Early-to-Late Switch by Differentially Expressed SRp20. <i>Journal of Virology</i> , 2009, 83, 167-180.	3.4	82
21	Viral Oncogenes, Noncoding RNAs, and RNA Splicing in Human Tumor Viruses. <i>International Journal of Biological Sciences</i> , 2010, 6, 730-755.	6.4	81
22	Targeted Disruption of Kaposi's Sarcoma-Associated Herpesvirus ORF57 in the Viral Genome Is Detrimental for the Expression of ORF59, K81±, and K8.1 and the Production of Infectious Virus. <i>Journal of Virology</i> , 2007, 81, 1062-1071.	3.4	76
23	Upregulation of p18Ink4c expression by oncogenic HPV E6 <i>via</i> p53-miR-34a pathway. <i>International Journal of Cancer</i> , 2011, 129, 1362-1372.	5.1	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. <i>Journal of Virology</i> , 2008, 82, 2792-2801.	3.4	70
25	Structural and Functional Analyses of Kaposi Sarcoma-associated Herpesvirus ORF57 Nuclear Localization Signals in Living Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 28365-28378.	3.4	67
26	Kaposi's Sarcoma-Associated Herpesvirus ORF57 Promotes Escape of Viral and Human Interleukin-6 from MicroRNA-Mediated Suppression. <i>Journal of Virology</i> , 2011, 85, 2620-2630.	3.4	67
27	E6 ^{E7} , a Novel Splice Isoform Protein of Human Papillomavirus 16, Stabilizes Viral E6 and E7 Oncoproteins via HSP90 and GRP78. <i>MBio</i> , 2015, 6, e02068-14.	4.1	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. <i>International Journal of Biological Sciences</i> , 2011, 7, 1145-1160.	6.4	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 5' Cap. <i>Journal of Molecular Biology</i> , 2004, 337, 1091-1108.	4.2	60
30	Inhibition by delta-9-tetrahydrocannabinol of tumor necrosis factor alpha production by mouse and human macrophages. <i>International Journal of Immunopharmacology</i> , 1992, 14, 1445-1452.	1.1	59
31	Genetic Organization and Hypoxic Activation of the Kaposi's Sarcoma-Associated Herpesvirus ORF34-37 Gene Cluster. <i>Journal of Virology</i> , 2006, 80, 7037-7051.	3.4	59
32	Kaposi's sarcoma-associated herpesviral IL6 and human IL6 open reading frames contain miRNA binding sites and are subject to cellular miRNA regulation. <i>Journal of Pathology</i> , 2011, 225, 378-389.	4.5	59
33	KSHV inhibits stress granule formation by viral ORF57 blocking PKR activation. <i>PLoS Pathogens</i> , 2017, 13, e1006677.	4.7	59
34	Gene Structure and Expression of Kaposi's Sarcoma-Associated Herpesvirus ORF56, ORF57, ORF58, and ORF59. <i>Journal of Virology</i> , 2006, 80, 11968-11981.	3.4	57
35	Towards Better Understanding of KSHV Life Cycle: from Transcription and Posttranscriptional Regulations to Pathogenesis. <i>Virologica Sinica</i> , 2019, 34, 135-161.	3.0	55
36	Signals That Dictate Nuclear Localization of Human Papillomavirus Type 16 Oncoprotein E6 in Living Cells. <i>Journal of Virology</i> , 2003, 77, 13232-13247.	3.4	52

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37	Short-term induction and long-term suppression of HPV16 oncogene silencing by RNA interference in cervical cancer cells. <i>Oncogene</i> , 2006, 25, 2094-2104.	5.9	51
38	Viral Regulation of RNA Granules in Infected Cells. <i>Virologica Sinica</i> , 2019, 34, 175-191.	3.0	50
39	A Viral Genome Landscape of RNA Polyadenylation from KSHV Latent to Lytic Infection. <i>PLoS Pathogens</i> , 2013, 9, e1003749.	4.7	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. <i>Journal of Virology</i> , 2013, 87, 243-256.	3.4	49
41	Oncogenes and RNA splicing of human tumor viruses. <i>Emerging Microbes and Infections</i> , 2014, 3, 1-16.	6.5	49
42	Enterovirus 71 isolated from China is serologically similar to the prototype E71 BrCr strain but differs in the 5' non-coding region. <i>Journal of Medical Virology</i> , 1995, 47, 161-167.	5.0	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. <i>Journal of Virology</i> , 2004, 78, 2609-2614.	3.4	47
44	Intron Definition and a Branch Site Adenosine at nt 385 Control RNA Splicing of HPV16 E6*1 and E7 Expression. <i>PLoS ONE</i> , 2012, 7, e46412.	2.5	47
45	Genome-Wide Profiling of Cervical RNA-Binding Proteins Identifies Human Papillomavirus Regulation of RNASEH2A Expression by Viral E7 and E2F1. <i>MBio</i> , 2019, 10, .	4.1	47
46	Oncogenic splicing factor SRSF3 regulates ILF3 alternative splicing to promote cancer cell proliferation and transformation. <i>Rna</i> , 2019, 25, 630-644.	3.5	47
47	The full transcription map of mouse papillomavirus type 1 (MmuPV1) in mouse wart tissues. <i>PLoS Pathogens</i> , 2017, 13, e1006715.	4.7	47
48	Split genes and their expression in Kaposi's sarcoma-associated herpesvirus. <i>Reviews in Medical Virology</i> , 2003, 13, 173-184.	8.3	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. <i>Virology</i> , 2009, 386, 32-43.	2.4	46
50	Exonic Splicing Enhancer-Dependent Selection of the Bovine Papillomavirus Type 1 Nucleotide 3225 3' Splice Site Can Be Rescued in a Cell Lacking Splicing Factor ASF/SF2 through Activation of the Phosphatidylinositol 3-Kinase/Akt Pathway. <i>Journal of Virology</i> , 2003, 77, 2105-2115.	3.4	45
51	Kaposi's Sarcoma-associated Herpesvirus K8 Exon 3 Contains Three 5' Splice Sites and Harbors a K8.1 Transcription Start Site. <i>Journal of Biological Chemistry</i> , 2002, 277, 14547-14556.	3.4	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. <i>Journal of Virology</i> , 2016, 90, 9138-9152.	3.4	40
53	Kaposi's Sarcoma-Associated Herpesvirus ORF57 Interacts with Cellular RNA Export Cofactors RBM15 and OTT3 To Promote Expression of Viral ORF59. <i>Journal of Virology</i> , 2011, 85, 1528-1540.	3.4	39
54	KSHV ORF57, a Protein of Many Faces. <i>Viruses</i> , 2015, 7, 604-633.	3.3	39

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55	Development of Resistance to RNAi in Mammalian Cells. <i>Annals of the New York Academy of Sciences</i> , 2005, 1058, 105-118.	3.8	38
56	Attenuation of the suppressive activity of cellular splicing factor SRSF3 by Kaposi sarcoma-associated herpesvirus ORF57 protein is required for RNA splicing. <i>Rna</i> , 2014, 20, 1747-1758.	3.5	37
57	Kaposi's sarcoma-associated herpesvirus ORF57 in viral RNA processing. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 1516.	3.0	36
58	Utilization of the Bovine Papillomavirus Type 1 Late-Stage-Specific Nucleotide 3605 Splice Site Is Modulated by a Novel Exonic Bipartite Regulator but Not by an Intronic Purine-Rich Element. <i>Journal of Virology</i> , 2000, 74, 10612-10622.	3.4	34
59	Cell Type- and Tissue Context-dependent Nuclear Distribution of Human Ago2. <i>Journal of Biological Chemistry</i> , 2016, 291, 2302-2309.	3.4	33
60	Papillomavirus can be transmitted through the blood and produce infections in blood recipients: Evidence from two animal models. <i>Emerging Microbes and Infections</i> , 2019, 8, 1108-1121.	6.5	31
61	Oncogenic HPV promotes the expression of the long noncoding RNA lnc-FANCI-2 through E7 and YY1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	31
62	Stability of Structured Kaposi's Sarcoma-Associated Herpesvirus ORF57 Protein Is Regulated by Protein Phosphorylation and Homodimerization. <i>Journal of Virology</i> , 2015, 89, 3256-3274.	3.4	30
63	Caspase-7 Cleavage of Kaposi Sarcoma-associated Herpesvirus ORF57 Confers a Cellular Function against Viral Lytic Gene Expression. <i>Journal of Biological Chemistry</i> , 2010, 285, 11297-11307.	3.4	29
64	KSHV RNA-binding protein ORF57 inhibits P-body formation to promote viral multiplication by interaction with Ago2 and GW182. <i>Nucleic Acids Research</i> , 2019, 47, 9368-9385.	14.5	29
65	Stress keratin 17 enhances papillomavirus infection-induced disease by downregulating T cell recruitment. <i>PLoS Pathogens</i> , 2020, 16, e1008206.	4.7	27
66	Regulation of bovine papillomavirus type 1 gene expression by RNA processing. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 1270.	3.0	27
67	Kaposi's Sarcoma-Associated Herpesvirus K8 ¹² Is Derived from a Spliced Intermediate of K8 Pre-mRNA and Antagonizes K8 ^{1±} (K-bZIP) To Induce p21 and p53 and Blocks K8 ^{1±} -CDK2 Interaction. <i>Journal of Virology</i> , 2005, 79, 14207-14221.	3.4	24
68	CRISPR/Cas9-Mediated Knockout and <i>In Situ</i> Inversion of the ORF57 Gene from All Copies of the Kaposi's Sarcoma-Associated Herpesvirus Genome in BCBL-1 Cells. <i>Journal of Virology</i> , 2019, 93, .	3.4	24
69	Delta-9-tetrahydrocannabinol suppresses tumor necrosis factor β maturation and secretion but not its transcription in mouse macrophages. <i>International Journal of Immunopharmacology</i> , 1996, 18, 53-68.	1.1	23
70	KSHV episome tethering sites on host chromosomes and regulation of latency-lytic switch by CHD4. <i>Cell Reports</i> , 2022, 39, 110788.	6.4	23
71	Human Papillomavirus Type 58 Genome Variations and RNA Expression in Cervical Lesions. <i>Journal of Virology</i> , 2013, 87, 9313-9322.	3.4	22
72	Mouse papillomavirus infections spread to cutaneous sites with progression to malignancy. <i>Journal of General Virology</i> , 2017, 98, 2520-2529.	2.9	22

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73	HPV16 and HPV18 Genome Structure, Expression, and Post-Transcriptional Regulation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4943.	4.1	22
74	Optimization of a Weak 3' Splice Site Counteracts the Function of a Bovine Papillomavirus Type 1 Exonic Splicing Suppressor In Vitro and In Vivo. <i>Journal of Virology</i> , 2000, 74, 5902-5910.	3.4	21
75	A novel ING2 isoform, ING2b, synergizes with ING2a to prevent cell cycle arrest and apoptosis. <i>FEBS Letters</i> , 2008, 582, 3868-3874.	2.8	19
76	Current Status of Human Papillomavirus-Related Head and Neck Cancer: From Viral Genome to Patient Care. <i>Virologica Sinica</i> , 2021, 36, 1284-1302.	3.0	18
77	XPC branch-point sequence mutations disrupt U2 snRNP binding, resulting in abnormal pre-mRNA splicing in xeroderma pigmentosum patients. <i>Human Mutation</i> , 2010, 31, 167-175.	2.5	17
78	Multiple Regions of Kaposi's Sarcoma-Associated Herpesvirus ORF59 RNA are Required for Its Expression Mediated by Viral ORF57 and Cellular RBM15. <i>Viruses</i> , 2015, 7, 496-510.	3.3	17
79	HPV18 Utilizes Two Alternative Branch Sites for E6*1 Splicing to Produce E7 Protein. <i>Virologica Sinica</i> , 2019, 34, 211-221.	3.0	17
80	Human Papillomavirus Type 16 Circular RNA Is Barely Detectable for the Claimed Biological Activity. <i>MBio</i> , 2022, 13, e0359421.	4.1	17
81	The crystal structure of KSHV ORF57 reveals dimeric active sites important for protein stability and function. <i>PLoS Pathogens</i> , 2018, 14, e1007232.	4.7	15
82	Kaposi's Sarcoma-Associated Herpesvirus ORF57 Is Not a Bona Fide Export Factor. <i>Journal of Virology</i> , 2012, 86, 13089-13094.	3.4	14
83	Genome Sequence of Erythromelalgia-Related Poxvirus Identifies it as an Ectromelia Virus Strain. <i>PLoS ONE</i> , 2012, 7, e34604.	2.5	14
84	Parameters that affect in vitro splicing of bovine papillomavirus type 1 late pre-mRNAs. <i>Journal of Virological Methods</i> , 2000, 85, 203-214.	2.1	13
85	Viral DNA Replication Orientation and hnRNPs Regulate Transcription of the Human Papillomavirus 18 Late Promoter. <i>MBio</i> , 2017, 8, .	4.1	12
86	A Genome-Wide Epstein-Barr Virus Polyadenylation Map and Its Antisense RNA to EBNA. <i>Journal of Virology</i> , 2019, 93, .	3.4	12
87	Novel EBV LMP-2-affibody and affitoxin in molecular imaging and targeted therapy of nasopharyngeal carcinoma. <i>PLoS Pathogens</i> , 2020, 16, e1008223.	4.7	12
88	Mouse papillomavirus type 1 (MmuPV1) DNA is frequently integrated in benign tumors by microhomology-mediated end-joining. <i>PLoS Pathogens</i> , 2021, 17, e1009812.	4.7	12
89	Circular RNAs and RNase L in PKR activation and virus infection. <i>Cell and Bioscience</i> , 2019, 9, 43.	4.8	11
90	Requirement of UAP56, URH49, RBM15, and OTT3 in the expression of Kaposi sarcoma-associated herpesvirus ORF57. <i>Virology</i> , 2010, 407, 206-212.	2.4	10

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91	Effect of CP-20,961 on genital herpes in guinea pigs. <i>Antiviral Research</i> , 1983, 3, 275-283.	4.1	9
92	Alternative RNA splicing of KSHV ORF57 produces two different RNA isoforms. <i>Virology</i> , 2016, 488, 81-87.	2.4	6
93	Ecdysoneless Protein Regulates Viral and Cellular mRNA Splicing to Promote Cervical Oncogenesis. <i>Molecular Cancer Research</i> , 2022, 20, 305-318.	3.4	6
94	Protein-RNA Interactome Analysis Reveals Wide Association of Kaposi's Sarcoma-Associated Herpesvirus ORF57 with Host Noncoding RNAs and Polysomes. <i>Journal of Virology</i> , 2022, 96, JVI0178221.	3.4	6
95	Genome sequencing accuracy by RCA-seq versus long PCR template cloning and sequencing in identification of human papillomavirus type 58. <i>Cell and Bioscience</i> , 2014, 4, 5.	4.8	5
96	Genome-wide regulation of KSHV RNA splicing by viral RNA-binding protein ORF57. <i>PLoS Pathogens</i> , 2022, 18, e1010311.	4.7	5
97	Thymic hypoplasia, splenomegaly and immune depression in guinea pigs with neonatal cytomegalovirus infection. <i>Developmental and Comparative Immunology</i> , 1987, 11, 407-418.	2.3	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. <i>Cell and Bioscience</i> , 2015, 5, 70.	4.8	4
100	HPV18 DNA replication inactivates the early promoter P55 activity and prevents viral E6 expression. <i>Virologica Sinica</i> , 2016, 31, 437-440.	3.0	4
101	Construction of a Transcription Map for Papillomaviruses using RACE, RNase Protection, and Primer Extension Assays. <i>Current Protocols in Microbiology</i> , 2016, 40, 14B.6.1-14B.6.29.	6.5	4
102	RNA Granules in Antiviral Innate Immunity: A Kaposi's Sarcoma-Associated Herpesvirus Journey. <i>Frontiers in Microbiology</i> , 2021, 12, 794431.	3.5	4
103	Delta-9-tetrahydrocannabinol: An inhibitor of STAT1 protein tyrosine phosphorylation. <i>Biochemical Pharmacology</i> , 1996, 51, 967-973.	4.4	3
104	CLIP-seq to Identify KSHV ORF57-binding RNA in Host B Cells. <i>Current Protocols in Microbiology</i> , 2016, 41, 1E.11.1-1E.11.18.	6.5	3
105	PA-seq for Global Identification of RNA Polyadenylation Sites of Kaposi's Sarcoma-associated Herpesvirus Transcripts. <i>Current Protocols in Microbiology</i> , 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. <i>Int. J. Mol. Sci.</i> 2022, 23, 4943. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7903.	4.1	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. <i>Clinical and Diagnostic Virology</i> , 1993, 1, 137-139.	1.7	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., "Assessment of the Abundance and Potential Function of Human Papillomavirus Type 16 Circular E7 RNA" MBio, 2022, 13, e0075822.	4.1	1
111	Upregulation of p18Ink4c expression by HPV E6 via p53-miR-34a pathway. Infectious Agents and Cancer, 2010, 5, .	2.6	0
112	Kaposi's sarcoma-associated herpesvirus ORF57 promotes escape of viral and human IL6 RNAs from microRNA-mediated suppression. Infectious Agents and Cancer, 2010, 5, .	2.6	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.	6.4	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, .	7.1	0