

Fenyong Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/394457/publications.pdf>

Version: 2024-02-01

88
papers

3,055
citations

196777

29
h-index

206121

51
g-index

89
all docs

89
docs citations

89
times ranked

3379
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Genome Editing Approaches against Herpes Simplex Virus Infections. <i>Viruses</i> , 2021, 13, 338.	1.5	8
2	Inhibition of human cytomegalovirus major capsid protein expression and replication by ribonuclease P-associated external guide sequences. <i>Rna</i> , 2019, 25, 645-655.	1.6	7
3	Atomic structures and deletion mutant reveal different capsid-binding patterns and functional significance of tegument protein pp150 in murine and human cytomegaloviruses with implications for therapeutic development. <i>PLoS Pathogens</i> , 2019, 15, e1007615.	2.1	13
4	Label-free and sensitive detection assay for terminal deoxynucleotidyl transferase via polyadenosine-coralayne fluorescence enhancement strategy. <i>Analytical Biochemistry</i> , 2019, 567, 85-89.	1.1	7
5	Small molecule inhibits respiratory syncytial virus entry and infection by blocking the interaction of the viral fusion protein with the cell membrane. <i>FASEB Journal</i> , 2019, 33, 4287-4299.	0.2	25
6	Direct Observation of the Double-stranded DNA Formation through Metal Ion-Mediated Base Pairing in the Nanoscale Structure. <i>Chemistry - A European Journal</i> , 2019, 25, 1446-1450.	1.7	12
7	A versatile assay for alkaline phosphatase detection based on thymine-HgII-thymine structure generation mediated by TdT. <i>Talanta</i> , 2019, 195, 566-572.	2.9	7
8	H5N1 influenza virus-specific miRNA-like small RNA increases cytokine production and mouse mortality via targeting poly(rC)-binding protein 2. <i>Cell Research</i> , 2018, 28, 157-171.	5.7	63
9	Human cytomegalovirus reprogrammes haematopoietic progenitor cells into immunosuppressive monocytes to achieve latency. <i>Nature Microbiology</i> , 2018, 3, 503-513.	5.9	66
10	Engineered RNase P Ribozymes Effectively Inhibit the Infection of Murine Cytomegalovirus in Animals. <i>Theranostics</i> , 2018, 8, 5634-5644.	4.6	11
11	TNFAIP3-DEPTOR complex regulates inflammasome secretion through autophagy in ankylosing spondylitis monocytes. <i>Autophagy</i> , 2018, 14, 1629-1643.	4.3	39
12	Potential Application of the CRISPR/Cas9 System against Herpesvirus Infections. <i>Viruses</i> , 2018, 10, 291.	1.5	57
13	Human cytomegalovirus UL23 inhibits transcription of interferon- β stimulated genes and blocks antiviral interferon- β responses by interacting with human N-myc interactor protein. <i>PLoS Pathogens</i> , 2018, 14, e1006867.	2.1	38
14	Salmonella produce microRNA-like RNA fragment Sal-1 in the infected cells to facilitate intracellular survival. <i>Scientific Reports</i> , 2017, 7, 2392.	1.6	37
15	Salmonella small RNA fragment Sal-1 facilitates bacterial survival in infected cells via suppressing iNOS induction in a microRNA manner. <i>Scientific Reports</i> , 2017, 7, 16979.	1.6	13
16	Inhibition of Murine Cytomegalovirus Infection in Animals by RNase P-Associated External Guide Sequences. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 9, 322-332.	2.3	5
17	Detection of congenital cytomegalovirus in newborns using nucleic acid amplification techniques and its public health implications. <i>Virologica Sinica</i> , 2017, 32, 376-386.	1.2	8
18	Human Cytomegalovirus Encoded miR-US25-1-5p Attenuates CD147/EMMPRIN-Mediated Early Antiviral Response. <i>Viruses</i> , 2017, 9, 365.	1.5	25

#	ARTICLE	IF	CITATIONS
19	Inhibition of human cytomegalovirus immediate early gene expression and growth by a novel RNase P ribozyme variant. <i>PLoS ONE</i> , 2017, 12, e0186791.	1.1	6
20	Human Cytomegalovirus miR-UL148D Facilitates Latent Viral Infection by Targeting Host Cell Immediate Early Response Gene 5. <i>PLoS Pathogens</i> , 2016, 12, e1006007.	2.1	54
21	Salmonella Virulence Factor SsrAB Regulated Factor Modulates Inflammatory Responses by Enhancing the Activation of NF- κ B Signaling Pathway. <i>Journal of Immunology</i> , 2016, 196, 792-802.	0.4	10
22	Neuro-protective Mechanisms of <i>Lycium barbarum</i> . <i>NeuroMolecular Medicine</i> , 2016, 18, 253-263.	1.8	49
23	Inhibition of herpes simplex virus 1 gene expression and replication by RNase P-associated external guide sequences. <i>Scientific Reports</i> , 2016, 6, 27068.	1.6	3
24	RNase P Ribozymes Inhibit the Replication of Human Cytomegalovirus by Targeting Essential Viral Capsid Proteins. <i>Viruses</i> , 2015, 7, 3345-3360.	1.5	7
25	Oral Delivery of a Novel Attenuated Salmonella Vaccine Expressing Influenza A Virus Proteins Protects Mice against H5N1 and H1N1 Viral Infection. <i>PLoS ONE</i> , 2015, 10, e0129276.	1.1	16
26	Engineered RNase P Ribozymes Effectively Inhibit Human Cytomegalovirus Gene Expression and Replication. <i>Viruses</i> , 2014, 6, 2376-2391.	1.5	8
27	Human Cytomegalovirus-Encoded pUL7 Is a Novel CEACAM1-Like Molecule Responsible for Promotion of Angiogenesis. <i>MBio</i> , 2014, 5, e02035.	1.8	34
28	Unconventional Sequence Requirement for Viral Late Gene Core Promoters of Murine Gammaherpesvirus 68. <i>Journal of Virology</i> , 2014, 88, 3411-3422.	1.5	35
29	Directing RNase P-Mediated Cleavage of Target mRNAs by Engineered External Guide Sequences in Cultured Cells. <i>Methods in Molecular Biology</i> , 2014, 1103, 45-56.	0.4	11
30	Human cytomegalovirus immediate early protein 2 enhances myocardin-mediated survival of rat aortic smooth muscle cells. <i>Virus Research</i> , 2014, 192, 85-91.	1.1	6
31	Detection of the pandemic H1N1/2009 influenza A virus by a highly sensitive quantitative real-time reverse-transcription polymerase chain reaction assay. <i>Virologica Sinica</i> , 2013, 28, 24-35.	1.2	6
32	Protein interactions in the murine cytomegalovirus capsid revealed by cryoEM. <i>Protein and Cell</i> , 2013, 4, 833-845.	4.8	7
33	Inhibition of Hepatitis B Virus Gene Expression and Replication by Ribonuclease P. <i>Molecular Therapy</i> , 2013, 21, 995-1003.	3.7	24
34	The Smallest Capsid Protein Mediates Binding of the Essential Tegument Protein pp150 to Stabilize DNA-Containing Capsids in Human Cytomegalovirus. <i>PLoS Pathogens</i> , 2013, 9, e1003525.	2.1	46
35	Modulation of the Cellular Distribution of Human Cytomegalovirus Helicase by Cellular Factor Snapin. <i>Journal of Virology</i> , 2013, 87, 10628-10640.	1.5	12
36	Engineered External Guide Sequences Are Highly Effective in Inhibiting Gene Expression and Replication of Hepatitis B Virus in Cultured Cells. <i>PLoS ONE</i> , 2013, 8, e65268.	1.1	6

#	ARTICLE	IF	CITATIONS
37	A Hsp40 Chaperone Protein Interacts with and Modulates the Cellular Distribution of the Primase Protein of Human Cytomegalovirus. <i>PLoS Pathogens</i> , 2012, 8, e1002968.	2.1	25
38	Ribonuclease P-mediated inhibition of human cytomegalovirus gene expression and replication induced by engineered external guide sequences. <i>RNA Biology</i> , 2012, 9, 1186-1195.	1.5	8
39	Effective inhibition of cytomegalovirus infection by external guide sequences in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13070-13075.	3.3	13
40	Effective Inhibition of Human Immunodeficiency Virus 1 Replication by Engineered RNase P Ribozyme. <i>PLoS ONE</i> , 2012, 7, e51855.	1.1	13
41	Yeast Two Hybrid Analyses Reveal Novel Binary Interactions between Human Cytomegalovirus-Encoded Virion Proteins. <i>PLoS ONE</i> , 2011, 6, e17796.	1.1	57
42	A liver-specific microRNA binds to a highly conserved RNA sequence of hepatitis B virus and negatively regulates viral gene expression and replication. <i>FASEB Journal</i> , 2011, 25, 4511-4521.	0.2	167
43	Engineered External Guide Sequences Effectively Block Viral Gene Expression and Replication in Cultured Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 322-330.	1.6	11
44	Oral delivery of RNase P ribozymes by <i>Salmonella</i> inhibits viral infection in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3222-3227.	3.3	36
45	Human Cytomegalovirus Primase UL70 Specifically Interacts with Cellular Factor Snapin. <i>Journal of Virology</i> , 2011, 85, 11732-11741.	1.5	21
46	A <i>Salmonella</i> Small Non-Coding RNA Facilitates Bacterial Invasion and Intracellular Replication by Modulating the Expression of Virulence Factors. <i>PLoS Pathogens</i> , 2011, 7, e1002120.	2.1	108
47	<i>Salmonella</i> -mediated delivery of RNase P-based ribozymes for inhibition of viral gene expression and replication in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7269-7274.	3.3	19
48	Differential expression of <i>Salmonella</i> type III secretion system factors InvJ, PrgI, SipC, SipD, SopA and SopB in cultures and in mice. <i>Microbiology (United Kingdom)</i> , 2010, 156, 116-127.	0.7	23
49	Molecular Characterization of Highly Pathogenic H5N1 Avian Influenza A Viruses Isolated from Raccoon Dogs in China. <i>PLoS ONE</i> , 2009, 4, e4682.	1.1	43
50	Characterization of the expression of <i>Salmonella</i> Type III secretion system factor PrgI, SipA, SipB, SopE2, SpaO, and SptP in cultures and in mice. <i>BMC Microbiology</i> , 2009, 9, 73.	1.3	29
51	Detection and subtyping of influenza A virus based on a short oligonucleotide microarray. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009, 65, 261-270.	0.8	19
52	Pathogenetic consequences of cytomegalovirus-host co-evolution. <i>Virologica Sinica</i> , 2008, 23, 438-448.	1.2	3
53	Effective inhibition in animals of viral pathogenesis by a ribozyme derived from RNase P catalytic RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10919-10924.	3.3	28
54	Mapping the Regions of RNase P Catalytic RNA That Are Potentially in Close Contact With Its Protein Cofactor. <i>Methods in Molecular Biology</i> , 2008, 488, 267-277.	0.4	1

#	ARTICLE	IF	CITATIONS
55	Inhibition of gene expression in human cells using RNase P-derived ribozymes and external guide sequences. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2007, 1769, 603-612.	2.4	22
56	Using DNA microarray to study human cytomegalovirus gene expression. <i>Journal of Virological Methods</i> , 2006, 131, 202-208.	1.0	12
57	Engineered external guide sequences are highly effective in inducing RNase P for inhibition of gene expression and replication of human cytomegalovirus. <i>Nucleic Acids Research</i> , 2006, 34, 575-583.	6.5	13
58	Effective inhibition of human cytomegalovirus gene expression and growth by intracellular expression of external guide sequence RNA. <i>Rna</i> , 2006, 12, 63-72.	1.6	15
59	Human cytomegalovirus expresses novel microRNAs during productive viral infection. <i>Cellular Microbiology</i> , 2005, 7, 1684-1695.	1.1	155
60	Two Gamma Interferon-Activated Site-Like Elements in the Human Cytomegalovirus Major Immediate-Early Promoter/Enhancer Are Important for Viral Replication. <i>Journal of Virology</i> , 2005, 79, 5035-5046.	1.5	41
61	Dissecting human cytomegalovirus gene function and capsid maturation by ribozyme targeting and electron cryomicroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7103-7108.	3.3	33
62	Three-Dimensional Localization of the Smallest Capsid Protein in the Human Cytomegalovirus Capsid. <i>Journal of Virology</i> , 2005, 79, 1327-1332.	1.5	20
63	Intracellular expression of engineered RNase P ribozymes effectively blocks gene expression and replication of human cytomegalovirus. <i>Rna</i> , 2004, 10, 438-447.	1.6	14
64	Murine Cytomegalovirus with a Transposon Insertional Mutation at Open Reading Frame m155 Is Deficient in Growth and Virulence in Mice. <i>Journal of Virology</i> , 2004, 78, 6891-6899.	1.5	23
65	RNase P ribozyme inhibits cytomegalovirus replication by blocking the expression of viral capsid proteins. <i>Nucleic Acids Research</i> , 2004, 32, 3427-3434.	6.5	13
66	Effective inhibition of Rta expression and lytic replication of Kaposi's sarcoma-associated herpesvirus by human RNase P. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9073-9078.	3.3	39
67	Molecular, Biological, and In Vivo Characterization of the Guinea Pig Cytomegalovirus (CMV) Homologs of the Human CMV Matrix Proteins pp71 (UL82) and pp65 (UL83). <i>Journal of Virology</i> , 2004, 78, 9872-9889.	1.5	38
68	The Cytomegalovirus m155 Gene Product Subverts Natural Killer Cell Antiviral Protection by Disruption of H60α€“NKG2D Interactions. <i>Journal of Experimental Medicine</i> , 2004, 200, 1075-1081.	4.2	133
69	Engineered RNase P Ribozymes Increase Their Cleavage Activities and Efficacies in Inhibiting Viral Gene Expression in Cells by Enhancing the Rate of Cleavage and Binding of the Target mRNA. <i>Journal of Biological Chemistry</i> , 2004, 279, 32063-32070.	1.6	5
70	Developing RNase P ribozymes for gene-targeting and antiviral therapy. <i>Cellular Microbiology</i> , 2004, 6, 499-508.	1.1	27
71	Identification of essential and non-essential genes of the guinea pig cytomegalovirus (GPCMV) genome via transposome mutagenesis of an infectious BAC clone. <i>Virus Research</i> , 2004, 101, 101-108.	1.1	21
72	Expression of an RNase P Ribozyme Against the mRNA Encoding Human Cytomegalovirus Protease Inhibits Viral Capsid Protein Processing and Growth. <i>Journal of Molecular Biology</i> , 2003, 328, 1123-1135.	2.0	12

#	ARTICLE	IF	CITATIONS
73	Engineering of RNase P ribozyme for gene-targeting applications. <i>Gene</i> , 2003, 313, 59-69.	1.0	26
74	In Vitro and In Vivo Characterization of a Murine Cytomegalovirus with a Mutation at Open Reading Frame m166. <i>Journal of Virology</i> , 2003, 77, 2882-2891.	1.5	8
75	Engineered RNase P Ribozymes Are Efficient in Cleaving a Human Cytomegalovirus mRNA in Vitro and Are Effective in Inhibiting Viral Gene Expression and Growth in Human Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 37265-37274.	1.6	18
76	Functional profiling of a human cytomegalovirus genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14223-14228.	3.3	572
77	Murine Cytomegalovirus with a Transposon Insertional Mutation at Open Reading Frame M35 Is Defective in Growth In Vivo. <i>Journal of Virology</i> , 2003, 77, 7746-7755.	1.5	9
78	In Vitro Selection of External Guide Sequences for Directing RNase P-mediated Inhibition of Viral Gene Expression. <i>Journal of Biological Chemistry</i> , 2002, 277, 30112-30120.	1.6	29
79	Engineered RNase P ribozymes inhibit gene expression and growth of cytomegalovirus by increasing rate of cleavage and substrate binding 1 Edited by J. Doudna. <i>Journal of Molecular Biology</i> , 2002, 315, 573-586.	2.0	18
80	Murine Cytomegalovirus Open Reading Frame M27 Plays an Important Role in Growth and Virulence in Mice. <i>Journal of Virology</i> , 2001, 75, 1697-1707.	1.5	35
81	In vitro selection of novel RNA ligands that bind human cytomegalovirus and block viral infection. <i>Rna</i> , 2000, 6, 571-583.	1.6	67
82	In Vitro and In Vivo Characterization of a Murine Cytomegalovirus with a Transposon Insertional Mutation at Open Reading Frame M43. <i>Journal of Virology</i> , 2000, 74, 9488-9497.	1.5	18
83	Construction and Characterization of Murine Cytomegaloviruses That Contain Transposon Insertions at Open Reading Frames m09 and M83. <i>Journal of Virology</i> , 2000, 74, 7411-7421.	1.5	23
84	RNase P Ribozymes Selected in Vitro to Cleave a Viral mRNA Effectively Inhibit Its Expression in Cell Culture. <i>Journal of Biological Chemistry</i> , 2000, 275, 10611-10622.	1.6	52
85	Murine Cytomegalovirus Containing a Mutation at Open Reading Frame M37 Is Severely Attenuated in Growth and Virulence In Vivo. <i>Journal of Virology</i> , 2000, 74, 11099-11107.	1.5	25
86	A ribozyme derived from the catalytic subunit of RNase P from <i>Escherichia coli</i> is highly effective in inhibiting replication of herpes simplex virus 1 Edited by J. Doudna. <i>Journal of Molecular Biology</i> , 2000, 301, 817-826.	2.0	38
87	UV cross-link mapping of the substrate-binding site of an RNase P ribozyme to a target mRNA sequence. <i>Rna</i> , 1999, 5, 1235-1247.	1.6	15
88	Inhibition of viral gene expression by human ribonuclease P. <i>Rna</i> , 1998, 4, 1397-1406.	1.6	60