Decheng Yang

List of Publications by Year
in descending order

64 papers	2,914 citations	172386 29 h-index	168321 53 g-index
65 all docs	65 docs citations	65 times ranked	3190 citing authors

#	Article	IF	Citations
1	Myocarditis. Circulation Research, 2016, 118, 496-514.	2.0	363
2	Coxsackievirus B3 Replication Is Reduced by Inhibition of the Extracellular Signal-Regulated Kinase (ERK) Signaling Pathway. Journal of Virology, 2002, 76, 3365-3373.	1.5	187
3	Caspase Activation and Specific Cleavage of Substrates after Coxsackievirus B3-Induced Cytopathic Effect in HeLa Cells. Journal of Virology, 1998, 72, 7669-7675.	1.5	161
4	MicroRNA: an Emerging Therapeutic Target and Intervention Tool. International Journal of Molecular Sciences, 2008, 9, 978-999.	1.8	158
5	Coxsackievirus B3 replication and pathogenesis. Future Microbiology, 2015, 10, 629-653.	1.0	145
6	Coxsackievirus B3 proteases 2A and 3C induce apoptotic cell death through mitochondrial injury and cleavage of eIF4GI but not DAP5/p97/NAT1. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 513-524.	2.2	128
7	Host Gene Regulation During Coxsackievirus B3 Infection in Mice. Circulation Research, 2000, 87, 328-334.	2.0	107
8	Bcl-2 and Bcl-xL overexpression inhibits cytochrome c release, activation of multiple caspases, and virus release following coxsackievirus B3 infection. Virology, 2003, 313, 147-157.	1.1	103
9	CXCL10 Inhibits Viral Replication Through Recruitment of Natural Killer Cells in Coxsackievirus B3-Induced Myocarditis. Circulation Research, 2009, 104, 628-638.	2.0	91
10	Inhibition of Coxsackievirus B3 Replication by Small Interfering RNAs Requires Perfect Sequence Match in the Central Region of the Viral Positive Strand. Journal of Virology, 2005, 79, 2151-2159.	1.5	87
11	Coxsackievirus B3 Infection Activates the Unfolded Protein Response and Induces Apoptosis through Downregulation of p58 ^{IPK} and Activation of CHOP and SREBP1. Journal of Virology, 2010, 84, 8446-8459.	1.5	85
12	Proteasome Inhibition Reduces Coxsackievirus B3 Replication in Murine Cardiomyocytes. American Journal of Pathology, 2003, 163, 381-385.	1.9	74
13	Inhibition of Coxsackievirus B3 in Cell Cultures and in Mice by Peptide-Conjugated Morpholino Oligomers Targeting the Internal Ribosome Entry Site. Journal of Virology, 2006, 80, 11510-11519.	1.5	64
14	In VitroMutational and Inhibitory Analysis of thecis-Acting Translational Elements within the 5â€² Untranslated Region of Coxsackievirus B3: Potential Targets for Antiviral Action of Antisense Oligomers. Virology, 1997, 228, 63-73.	1.1	63
15	MiR-126 promotes coxsackievirus replication by mediating cross-talk of ERK1/2 and Wnt/Î²-catenin signal pathways. Cellular and Molecular Life Sciences, 2013, 70, 4631-4644.	2.4	58
16	Overexpression of Interferon-Î³-inducible GTPase Inhibits Coxsackievirus B3-induced Apoptosis through the Activation of the Phosphatidylinositol 3-Kinase/Akt Pathway and Inhibition of Viral Replication. Journal of Biological Chemistry, 2003, 278, 33011-33019.	1.6	55
17	Viral Myocarditis. Circulation Research, 1999, 84, 704-712.	2.0	53
18	Targeted Delivery of Mutant Tolerant Anti-Coxsackievirus Artificial MicroRNAs Using Folate Conjugated Bacteriophage Phi29 pRNA. PLoS ONE, 2011, 6, e21215.	1.1	52

#	Article	IF	Citations
19	Intercalated discs: cellular adhesion and signaling in heart health and diseases. Heart Failure Reviews, 2019, 24, 115-132.	1.7	50
20	Coxsackievirus-Induced miR-21 Disrupts Cardiomyocyte Interactions via the Downregulation of Intercalated Disk Components. PLoS Pathogens, 2014, 10, e1004070.	2.1	46
21	Targeted delivery of anti-coxsackievirus siRNAs using ligand-conjugated packaging RNAs. Antiviral Research, 2009, 83, 307-316.	1.9	45
22	MicroRNA-203 enhances Coxsackievirus B3 replication through targeting zinc finger protein-148. Cellular and Molecular Life Sciences, 2013, 70, 277-291.	2.4	45
23	Nip21 Gene Expression Reduces Coxsackievirus B3 Replication by Promoting Apoptotic Cell Death via a Mitochondria-Dependent Pathway. Circulation Research, 2002, 90, 1251-1258.	2.0	42
24	An ERK-p38 Subnetwork Coordinates Host Cell Apoptosis and Necrosis during Coxsackievirus B3 Infection. Cell Host and Microbe, 2013, 13, 67-76.	5.1	39
25	A phosphorothioate antisense oligodeoxynucleotide specifically inhibits coxsackievirus B3 replication in cardiomyocytes and mouse hearts. Laboratory Investigation, 2004, 84, 703-714.	1.7	36
26	Specific interactions of mouse organ proteins with the 5â€²untranslated region of coxsackievirus B3: Potential determinants of viral tissue tropism. Journal of Medical Virology, 2005, 77, 414-424.	2.5	32
27	Antiviral Activity of an Isatin Derivative via Induction of PERK-Nrf2-Mediated Suppression of Cap-Independent Translation. ACS Chemical Biology, 2014, 9, 1015-1024.	1.6	32
28	Interaction of viral proteins with host cell death machinery. Cell Death and Differentiation, 1998, 5, 653-659.	5.0	31
29	A Shine-Dalgarno-like Sequence Mediates in Vitro Ribosomal Internal Entry and Subsequent Scanning for Translation Initiation of Coxsackievirus B3 RNA. Virology, 2003, 305, 31-43.	1.1	31
30	IRES-Dependent Translational Control during Virus-Induced Endoplasmic Reticulum Stress and Apoptosis. Frontiers in Microbiology, 2012, 3, 92.	1.5	30
31	Focal adhesion kinase mediates the interferon-Î³-inducible GTPase-induced phosphatidylinositol 3-kinase/Akt survival pathway and further initiates a positive feedback loop of NF-ÎºB activation. Cellular Microbiology, 2008, 10, 1787-1800.	1.1	29
32	Recent Advances in Biological Strategies for Targeted Drug Delivery. Cardiovascular & Hematological Disorders Drug Targets, 2009, 9, 206-221.	0.2	29
33	Exploiting the Therapeutic Potential of MicroRNAs in Viral Diseases. Molecular Diagnosis and Therapy, 2010, 14, 271-282.	1.6	29
34	Cleavage of DAP5 by coxsackievirus B3 2A protease facilitates viral replication and enhances apoptosis by altering translation of IRES-containing genes. Cell Death and Differentiation, 2016, 23, 828-840.	5.0	29
35	Current advances in Phi29 pRNA biology and its application in drug delivery. Wiley Interdisciplinary Reviews RNA, 2012, 3, 469-481.	3.2	25
36	Specific Inhibition of Coxsackievirus B3 Translation and Replication by Phosphorothioate Antisense Oligodeoxynucleotides. Antimicrobial Agents and Chemotherapy, 2001, 45, 1043-1052.	1.4	22

#	Article	IF	Citations
37	MicroRNAs-Based Therapeutic Strategy for Virally Induced Diseases. Current Drug Discovery Technologies, 2008, 5, 49-58.	0.6	22
38	Specific interactions of HeLa cell proteins with Coxsackievirus B3 RNA: La autoantigen binds differentially to multiple sites within the 5â€² untranslated region. Virus Research, 2002, 90, 23-36.	1.1	21
39	The immunity-related GTPase Irgm3 relieves endoplasmic reticulum stress response during coxsackievirus B3 infection via a PI3K/Akt dependent pathway. Cellular Microbiology, 2012, 14, 133-146.	1.1	21
40	Genetic Determinants of Coxsackievirus B3 Pathogenesis. Annals of the New York Academy of Sciences, 2002, 975, 169-179.	1.8	19
41	MYOCARDITIS AS SYSTEMIC DISEASE: NEW PERSPECTIVES ON PATHOGENESIS. Clinical and Experimental Pharmacology and Physiology, 1997, 24, 997-1003.	0.9	18
42	Emodin inhibits coxsackievirus B3 replication via multiple signalling cascades leading to suppression of translation. Biochemical Journal, 2016, 473, 473-485.	1.7	18
43	Genome-wide microRNA and messenger RNA profiling in rodent liver development implicates mir302b and mir20a in repressing transforming growth factor-beta signaling. Hepatology, 2013, 57, 2491-2501.	3.6	17
44	Cleavage of osmosensitive transcriptional factor NFAT5 by Coxsackieviral protease 2A promotes viral replication. PLoS Pathogens, 2017, 13, e1006744.	2.1	17
45	Specific interaction of HeLa cell proteins with coxsackievirus B3 3'UTR: La autoantigen binds the 3' and 5'UTR independently of the poly(A) tail. Cellular Microbiology, 2007, 9, 1705-1715.	1.1	16
46	Heat shock protein 70 promotes coxsackievirus B3 translation initiation and elongation via Akt-mTORC1 pathway depending on activation of p70S6K and Cdc2. Cellular Microbiology, 2017, 19, e12725.	1.1	14
47	Hsp70-1: upregulation via selective phosphorylation of heat shock factor 1 during coxsackieviral infection and promotion of viral replication via the AU-rich element. Cellular and Molecular Life Sciences, 2016, 73, 1067-1084.	2.4	13
48	Cleavage and Sub-Cellular Redistribution of Nuclear Pore Protein 98 by Coxsackievirus B3 Protease 2A Impairs Cardioprotection. Frontiers in Cellular and Infection Microbiology, 2019, 9, 265.	1.8	12
49	Expression Profile and Function Analysis of Long Non-coding RNAs in the Infection of Coxsackievirus B3. Virologica Sinica, 2019, 34, 618-630.	1.2	10
50	Pro-apoptotic activity of mBNIP-21 depends on its BNIP-2 and Cdc42GAP homology (BCH) domain and is enhanced by coxsackievirus B3 infection. Cellular Microbiology, 2010, 12, 599-614.	1.1	8
51	Cleavage of Desmosomal Cadherins Promotes Î³-Catenin Degradation and Benefits Wnt Signaling in Coxsackievirus B3-Induced Destruction of Cardiomyocytes. Frontiers in Microbiology, 2020, 11, 767.	1.5	7
52	P58^{IPK}inhibits coxsackievirus-induced apoptosis via the PI3K/Akt pathway requiring activation of ATF6a and subsequent upregulation of mitofusin 2. Cellular Microbiology, 2014, 16, 411-424.	1.1	6
53	NFAT5-Mediated Signalling Pathways in Viral Infection and Cardiovascular Dysfunction. International Journal of Molecular Sciences, 2021, 22, 4872.	1.8	6
54	Antisense DNA and RNA agents against picornaviruses. Frontiers in Bioscience - Landmark, 2008, Volume, 4707.	3.0	5

#	Article	IF	Citations
55	Polymerase Fidelity Contributes to Foot-and-Mouth Disease Virus Pathogenicity and Transmissibility <i>In Vivo</i>. Journal of Virology, 2020, 95, .	1.5	4
56	Cleavage and degradation of EDEM1 promotes coxsackievirus B3 replication via ATF6aâ€mediated unfolded protein response signalling. Cellular Microbiology, 2020, 22, e13198.	1.1	3
57	Poly(rC) binding protein 1 benefits coxsackievirus B3 infection via suppressing the translation of p62/SQSTM1. Virus Research, 2022, 318, 198851.	1.1	1
58	Antisense DNA and RNA: Potential Therapeutics for Viral Infection. Anti-Infective Agents in Medicinal Chemistry, 2006, 5, 367-377.	0.6	0
59	Differential Gene Expression in Coxsackievirus Infection and Its Effect on Viral Pathogenesis. , 2009, , 495-524.		0
60	Viral Replication Strategies: Manipulation of ER Stress Response Pathways and Promotion of IRES-Dependent Translation. , 2013, , .		0
61	The Signaling Duel Between Virus and Host: Impact on Coxsackieviral Pathogenesis. , 2008, , 267-284.		0
62	Host Signaling Responses to Coxsackievirus Infection. , 2009, , 525-545.		0
63	Nucleic Acid-Based Strategies for the Treatment of Coxsackievirus-Induced Myocarditis. , 0, , .		0
64	New Trends in the Development of Treatments of Viral Myocarditis. , 0, , .		0