

Xian-Ming Chen

List of Publications by Year in descending order

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74
papers

6,155
citations

71102

41
h-index

88630

70
g-index

78
all docs

78
docs citations

78
times ranked

7477
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the global burden, novel diagnostics, therapeutics, and vaccine targets for cryptosporidium. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 85-94.	9.1	725
2	Cryptosporidiosis. <i>New England Journal of Medicine</i> , 2002, 346, 1723-1731.	27.0	451
3	A Cellular Micro-RNA, let-7i, Regulates Toll-like Receptor 4 Expression and Contributes to Cholangiocyte Immune Responses against <i>Cryptosporidium parvum</i> Infection. <i>Journal of Biological Chemistry</i> , 2007, 282, 28929-28938.	3.4	409
4	MicroRNA Microarray Identifies <i>let-7i</i> as a Novel Biomarker and Therapeutic Target in Human Epithelial Ovarian Cancer. <i>Cancer Research</i> , 2008, 68, 10307-10314.	0.9	343
5	Long non-coding RNAs (lncRNAs) and their transcriptional control of inflammatory responses. <i>Journal of Biological Chemistry</i> , 2017, 292, 12375-12382.	3.4	204
6	Multiple TLRs Are Expressed in Human Cholangiocytes and Mediate Host Epithelial Defense Responses to <i>Cryptosporidium parvum</i> via Activation of NF- κ B. <i>Journal of Immunology</i> , 2005, 175, 7447-7456.	0.8	199
7	LincRNA-Cox2 Promotes Late Inflammatory Gene Transcription in Macrophages through Modulating SWI/SNF-Mediated Chromatin Remodeling. <i>Journal of Immunology</i> , 2016, 196, 2799-2808.	0.8	192
8	NF-kappaB p65-Dependent Transactivation of miRNA Genes following <i>Cryptosporidium parvum</i> Infection Stimulates Epithelial Cell Immune Responses. <i>PLoS Pathogens</i> , 2009, 5, e1000681.	4.7	191
9	MicroRNA-513 Regulates B7-H1 Translation and Is Involved in IFN- γ -Induced B7-H1 Expression in Cholangiocytes. <i>Journal of Immunology</i> , 2009, 182, 1325-1333.	0.8	190
10	Binding of NF-kappaB p65 subunit to the promoter elements is involved in LPS-induced transactivation of miRNA genes in human biliary epithelial cells. <i>Nucleic Acids Research</i> , 2010, 38, 3222-3232.	14.5	180
11	Release of Luminal Exosomes Contributes to TLR4-Mediated Epithelial Antimicrobial Defense. <i>PLoS Pathogens</i> , 2013, 9, e1003261.	4.7	159
12	MicroRNA-98 and <i>let-7</i> Confer Cholangiocyte Expression of Cytokine-Inducible Src Homology 2-Containing Protein in Response to Microbial Challenge. <i>Journal of Immunology</i> , 2009, 183, 1617-1624.	0.8	113
13	MicroRNA signatures in liver diseases. <i>World Journal of Gastroenterology</i> , 2009, 15, 1665.	3.3	113
14	MicroRNA regulation of innate immune responses in epithelial cells. <i>Cellular and Molecular Immunology</i> , 2011, 8, 371-379.	10.5	108
15	Mechanisms of attachment and internalization of <i>Cryptosporidium parvum</i> to biliary and intestinal epithelial cells. <i>Gastroenterology</i> , 2000, 118, 368-379.	1.3	106
16	The NF- κ B-Responsive Long Noncoding RNA FIRRE Regulates Posttranscriptional Regulation of Inflammatory Gene Expression through Interacting with hnRNPU. <i>Journal of Immunology</i> , 2017, 199, 3571-3582.	0.8	105
17	<i>Cryptosporidium parvum</i> is cytopathic for cultured human biliary epithelia via an apoptotic mechanism. <i>Hepatology</i> , 1998, 28, 906-913.	7.3	102
18	NF- κ B p50-CCAAT/Enhancer-binding Protein 2 (C/EBP2)-mediated Transcriptional Repression of MicroRNA <i>let-7i</i> following Microbial Infection. <i>Journal of Biological Chemistry</i> , 2010, 285, 216-225.	3.4	97

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19	LincRNA ^{Cox2} modulates TNF α -induced transcription of <i>Il12b</i> gene in intestinal epithelial cells through regulation of Mi ² /NuRD-mediated epigenetic histone modifications. <i>FASEB Journal</i> , 2016, 30, 1187-1197.	0.5	88
20	Localized glucose and water influx facilitates <i>Cryptosporidium parvum</i> cellular invasion by means of modulation of host-cell membrane protrusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6338-6343.	7.1	84
21	mi ¹⁴¹ modulates androgen receptor transcriptional activity in human prostate cancer cells through targeting the small heterodimer partner protein. <i>Prostate</i> , 2012, 72, 1514-1522.	2.3	84
22	The cell biology of cryptosporidium infection. <i>Microbes and Infection</i> , 2011, 13, 721-730.	1.9	83
23	Astrocyte EV-Induced lincRNA-Cox2 Regulates Microglial Phagocytosis: Implications for Morphine-Mediated Neurodegeneration. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 450-463.	5.1	83
24	miR-27b Targets KSRP to Coordinate TLR4-Mediated Epithelial Defense against <i>Cryptosporidium parvum</i> Infection. <i>PLoS Pathogens</i> , 2012, 8, e1002702.	4.7	82
25	Apical Organelle Discharge by <i>Cryptosporidium parvum</i> Is Temperature, Cytoskeleton, and Intracellular Calcium Dependent and Required for Host Cell Invasion. <i>Infection and Immunity</i> , 2004, 72, 6806-6816.	2.2	77
26	<i>Cryptosporidium parvum</i> invasion of biliary epithelia requires host cell tyrosine phosphorylation of cortactin via c-Src. <i>Gastroenterology</i> , 2003, 125, 216-228.	1.3	75
27	A long noncoding RNA, lincRNA ^{Tnfai3} , acts as a coregulator of NF κ B to modulate inflammatory gene transcription in mouse macrophages. <i>FASEB Journal</i> , 2017, 31, 1215-1225.	0.5	75
28	The immunobiology of cholangiocytes. <i>Immunology and Cell Biology</i> , 2008, 86, 497-505.	2.3	74
29	CRYPTOSPORIDIUM PARVUM ATTACHMENT TO AND INTERNALIZATION BY HUMAN BILIARY EPITHELIA IN VITRO: A MORPHOLOGIC STUDY. <i>Journal of Parasitology</i> , 2004, 90, 212-221.	0.7	71
30	MicroRNA ⁹⁸ and <i>let⁷</i> Regulate Expression of Suppressor of Cytokine Signaling 4 in Biliary Epithelial Cells in Response to <i>Cryptosporidium parvum</i> Infection. <i>Journal of Infectious Diseases</i> , 2010, 202, 125-135.	4.0	71
31	Phosphatidylinositol 3-Kinase and Frabin Mediate <i>Cryptosporidium parvum</i> Cellular Invasion via Activation of Cdc42. <i>Journal of Biological Chemistry</i> , 2004, 279, 31671-31678.	3.4	65
32	Cryptosporidiosis and the Pathogenesis of AIDS-Cholangiopathy. <i>Seminars in Liver Disease</i> , 2002, 22, 277-290.	3.6	63
33	<i>Cryptosporidium parvum</i> Induces B7 ^{H1} Expression in Cholangiocytes by Down-Regulating MicroRNA ⁵¹³ . <i>Journal of Infectious Diseases</i> , 2010, 201, 160-169.	4.0	62
34	miR-17-5p targets the p300/CBP-associated factor and modulates androgen receptor transcriptional activity in cultured prostate cancer cells. <i>BMC Cancer</i> , 2012, 12, 492.	2.6	62
35	Histone Deacetylases and NF- κ B Signaling Coordinate Expression of CX3CL1 in Epithelial Cells in Response to Microbial Challenge by Suppressing miR-424 and miR-503. <i>PLoS ONE</i> , 2013, 8, e65153.	2.5	55
36	<i>Cryptosporidium parvum</i> induces apoptosis in biliary epithelia by a Fas/Fas ligand-dependent mechanism. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 277, G599-G608.	3.4	54

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37	Cdc42 and the Actin-Related Protein/Neural Wiskott-Aldrich Syndrome Protein Network Mediate Cellular Invasion by <i>Cryptosporidium parvum</i> . <i>Infection and Immunity</i> , 2004, 72, 3011-3021.	2.2	52
38	miR-221 suppresses ICAM-1 translation and regulates interferon- γ -induced ICAM-1 expression in human cholangiocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G542-G550.	3.4	52
39	<i>Cryptosporidium parvum</i> infection attenuates the ex vivo propagation of murine intestinal enteroids. <i>Physiological Reports</i> , 2016, 4, e13060.	1.7	50
40	miR-16 Targets Transcriptional Corepressor SMRT and Modulates NF-kappaB-Regulated Transactivation of Interleukin-8 Gene. <i>PLoS ONE</i> , 2012, 7, e30772.	2.5	48
41	Downregulation of PCAF by miR-181a/b Provides Feedback Regulation to TNF- α -Induced Transcription of Proinflammatory Genes in Liver Epithelial Cells. <i>Journal of Immunology</i> , 2012, 188, 1266-1274.	0.8	44
42	MicroRNA-221 controls expression of intercellular adhesion molecule-1 in epithelial cells in response to <i>Cryptosporidium parvum</i> infection. <i>International Journal for Parasitology</i> , 2011, 41, 397-403.	3.1	43
43	<i>Cryptosporidium parvum</i> infects human cholangiocytes via sphingolipid-enriched membrane microdomains. <i>Cellular Microbiology</i> , 2006, 8, 1932-1945.	2.1	42
44	Non-coding RNAs in epithelial immunity to <i>Cryptosporidium</i> infection. <i>Parasitology</i> , 2014, 141, 1233-1243.	1.5	38
45	HIV-1 Tat Protein Suppresses Cholangiocyte Toll-Like Receptor 4 Expression and Defense against <i>Cryptosporidium parvum</i> . <i>Journal of Infectious Diseases</i> , 2009, 199, 1195-1204.	4.0	36
46	Phenethyl isothiocyanate inhibits androgen receptor-regulated transcriptional activity in prostate cancer cells through suppressing PCAF. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1825-1833.	3.3	35
47	Delivery of parasite Cdg7_Flc_0990 RNA transcript into intestinal epithelial cells during <i>Cryptosporidium parvum</i> infection suppresses host cell gene transcription through epigenetic mechanisms. <i>Cellular Microbiology</i> , 2017, 19, e12760.	2.1	35
48	<i>Cryptosporidium parvum</i> induces SIRT1 expression in host epithelial cells through downregulating let-7i. <i>Human Immunology</i> , 2014, 75, 760-765.	2.4	34
49	Delivery of parasite RNA transcripts into infected epithelial cells during <i>Cryptosporidium</i> infection and its potential impact on host gene transcription. <i>Journal of Infectious Diseases</i> , 2016, 215, jiw607.	4.0	32
50	Col1A1 Production and Apoptotic Resistance in TGF- β 1-Induced Epithelial-to-Mesenchymal Transition-Like Phenotype of 603B Cells. <i>PLoS ONE</i> , 2012, 7, e51371.	2.5	32
51	Knockdown of m6A methyltransferase METTL3 in gastric cancer cells results in suppression of cell proliferation. <i>Oncology Letters</i> , 2020, 20, 2191-2198.	1.8	26
52	Involvement of <i>Cryptosporidium parvum</i> Cdg7_Flc_1000 RNA in the Attenuation of Intestinal Epithelial Cell Migration via Trans-Suppression of Host Cell SMPD3. <i>Journal of Infectious Diseases</i> , 2018, 217, 122-133.	4.0	25
53	Induction of a Long Noncoding RNA Transcript, NR_045064, Promotes Defense Gene Transcription and Facilitates Intestinal Epithelial Cell Responses against <i>Cryptosporidium</i> Infection. <i>Journal of Immunology</i> , 2018, 201, 3630-3640.	0.8	22
54	Induction of Inflammatory Responses in Splenocytes by Exosomes Released from Intestinal Epithelial Cells following <i>Cryptosporidium parvum</i> Infection. <i>Infection and Immunity</i> , 2019, 87, .	2.2	22

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55	The Human Immunodeficiency Virus Type 1 Tat Protein Enhances Cryptosporidium parvum -Induced Apoptosis in Cholangiocytes via a Fas Ligand-Dependent Mechanism. <i>Infection and Immunity</i> , 2007, 75, 684-696.	2.2	20
56	Nuclear delivery of parasite Cdg2_Flc_0220 RNA transcript to epithelial cells during Cryptosporidium parvum infection modulates host gene transcription. <i>Veterinary Parasitology</i> , 2018, 251, 27-33.	1.8	20
57	MicroRNAs and Epithelial Immunity. <i>International Reviews of Immunology</i> , 2009, 28, 139-154.	3.3	18
58	A novel long intergenic non-coding RNA, Nostrill, regulates iNOS gene transcription and neurotoxicity in microglia. <i>Journal of Neuroinflammation</i> , 2021, 18, 16.	7.2	18
59	DISTRIBUTION OF CRYPTOSPORIDIUM PARVUM SPOOROZOITE APICAL ORGANELLES DURING ATTACHMENT TO AND INTERNALIZATION BY CULTURED BILIARY EPITHELIAL CELLS. <i>Journal of Parasitology</i> , 2005, 91, 995-999.	0.7	16
60	Creatinine downregulates TNF- α in macrophage and T cell lines. <i>Cytokine</i> , 2018, 110, 29-38.	3.2	12
61	A host cell long noncoding RNA NR_033736 regulates type I interferon-mediated gene transcription and modulates intestinal epithelial anti-Cryptosporidium defense. <i>PLoS Pathogens</i> , 2021, 17, e1009241.	4.7	12
62	Cryptosporidial Infection Suppresses Intestinal Epithelial Cell MAPK Signaling Impairing Host Anti-Parasitic Defense. <i>Microorganisms</i> , 2021, 9, 151.	3.6	11
63	Upregulation of KSRP by miR-27b provides IFN- γ -induced post-transcriptional regulation of CX3CL1 in liver epithelial cells. <i>Scientific Reports</i> , 2015, 5, 17590.	3.3	10
64	Trans-suppression of defense DEFB1 gene in intestinal epithelial cells following Cryptosporidium parvum infection is associated with host delivery of parasite Cdg7_Flc_1000 RNA. <i>Parasitology Research</i> , 2018, 117, 831-840.	1.6	10
65	m6A mRNA Methylation Regulates Epithelial Innate Antimicrobial Defense Against Cryptosporidial Infection. <i>Frontiers in Immunology</i> , 2021, 12, 705232.	4.8	8
66	Immunology of Cryptosporidiosis. , 2014, , 423-454.		8
67	The Long Non-Coding RNA Nostrill Regulates Transcription of Irf7 Through Interaction With NF- κ B p65 to Enhance Intestinal Epithelial Defense Against Cryptosporidium parvum. <i>Frontiers in Immunology</i> , 2022, 13, 863957.	4.8	8
68	Trans-suppression of host CDH3 and LOXL4 genes during Cryptosporidium parvum infection involves nuclear delivery of parasite Cdg7_Flc_1000 RNA. <i>International Journal for Parasitology</i> , 2018, 48, 423-431.	3.1	7
69	Microglia induce neurogenic protein expression in primary cortical cells by stimulating PI3K/AKT intracellular signaling in vitro. <i>Molecular Biology Reports</i> , 2021, 48, 563-584.	2.3	5
70	Attenuation of Intestinal Epithelial Cell Migration During Cryptosporidium parvum Infection Involves Parasite Cdg7_Flc_1030 RNA-Mediated Induction and Release of Dickkopf-1. <i>Journal of Infectious Diseases</i> , 2018, 218, 1336-1347.	4.0	4
71	LncRNA XR_001779380 Primes Epithelial Cells for IFN- γ -Mediated Gene Transcription and Facilitates Age-Dependent Intestinal Antimicrobial Defense. <i>MBio</i> , 2021, 12, e0212721.	4.1	4
72	MicroRNAs in Epithelial Antimicrobial Immunity. , 2010, , 355-367.		1

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73	Use of miRNAs to Study Host Cell-Parasite Interactions. <i>Methods in Molecular Biology</i> , 2020, 2052, 205-218.	0.9	0
74	Epigenetic Silencing of Mir-218 Regulates CDK6 Expression In Pre-B Acute Lymphoblastic Leukemia Cells. <i>Blood</i> , 2010, 116, 3621-3621.	1.4	0