Chen Tan

List of Publications by Year in Descending Order

67 papers	625 citations	16 h-index	21 g-index
72 ext. papers	899 ext. citations	4.8 avg, IF	3.59 L-index

#	Paper	IF	Citations
67	Long non-coding RNA lncC11orf54-1 modulates neuroinflammatory responses by activating NF-B signaling during meningitic Escherichia coli infection.. *Molecular Brain*, **2022**, 15, 4	4.5	
66	Meningitic -Induced Interleukin-17A Facilitates Blood-Brain Barrier Disruption Inhibiting Proteinase 3/Protease-Activated Receptor 2 Axis.. *Frontiers in Cellular Neuroscience*, **2022**, 16, 814867	6.1	1
65	Long Non-coding Antisense RNA DDIT4-AS1 Regulates Meningitic Escherichia coli-Induced Neuroinflammation by Promoting DDIT4 mRNA Stability.. *Molecular Neurobiology*, **2022**, 1	6.2	
64	Antimicrobial resistance and population genomics of multidrug-resistant Escherichia coli in pig farms in mainland China.. *Nature Communications*, **2022**, 13, 1116	17.4	3
63	The Rcs System Contributes to the Motility Defects of the Twin-Arginine Translocation System Mutant of Extraintestinal Pathogenic Escherichia coli.. *Journal of Bacteriology*, **2022**, e0061221	3.5	0
62	MiR-25 blunts autophagy and promotes the survival of by regulating NPC1.. *IScience*, **2022**, 25, 104279	6.1	0
61	Resveratrol Attenuates Meningitic -Mediated Blood-Brain Barrier Disruption. *ACS Infectious Diseases*, **2021**, 7, 777-789	5.5	2
60	Sialylated Lipooligosaccharide Contributes to Penetration of Porcine Respiratory Epithelial Barrier. *ACS Infectious Diseases*, **2021**, 7, 661-671	5.5	2
59	miR-155 and miR-146a collectively regulate meningitic Escherichia coli infection-mediated neuroinflammatory responses. *Journal of Neuroinflammation*, **2021**, 18, 114	10.1	2
58	Facilitates Meningitic -Caused Blood-Brain Barrier Disruption via /MMP3 Axis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	6
57	Attenuation of Strain ES-2 and Comparative Genomic Analysis of ES-2 and Its Attenuated Form ES-2L. *Frontiers in Veterinary Science*, **2021**, 8, 696262	3.1	0
56	Prevalence and Molecular Characterization of Antimicrobial-Resistant in Pig Farms, Slaughterhouses, and Terminal Markets in Henan Province of China. *Foodborne Pathogens and Disease*, **2021**, 18, 733-743	3.8	4
55	Meningitic Escherichia coli hemolysin aggravates blood-brain barrier disruption via targeting TGF1-triggered hedgehog signaling. *Molecular Brain*, **2021**, 14, 116	4.5	3
54	Evaluation of the immunoprotective effects of IF-2 GTPase and SSU05-1022 as a candidate for a subunit vaccine. *Future Microbiology*, **2021**, 16, 721-729	2.9	2
53	RcsB-dependent regulation of type VI secretion system in porcine extra-intestinal pathogenic Escherichia coli. *Gene*, **2021**, 768, 145289	3.8	2
52	Function of Rhs proteins in porcine extraintestinal pathogenic Escherichia coli PCN033. *Journal of Microbiology*, **2021**, 59, 854-860	3	1
51	miR-495 Regulates Cellular Reactive Oxygen Species Levels by Targeting To Inhibit Intracellular Survival of Mycobacterium tuberculosis in Macrophages. *Infection and Immunity*, **2021**, 89, e0031521	3.7	0

50	A plant CitPITP1 protein-coding exon sequence serves as a promoter in bacteria. *Journal of Biotechnology*, **2021**, 339, 1-13	3.7	
49	Astrocyte-Derived TGF Facilitates Blood-Brain Barrier Function via Non-Canonical Hedgehog Signaling in Brain Microvascular Endothelial Cells. *Brain Sciences*, **2021**, 11,	3.4	3
48	Cleavage of E-cadherin by porcine respiratory bacterial pathogens facilitates airway epithelial barrier disruption and bacterial paracellular transmigration. *Virulence*, **2021**, 12, 2296-2313	4.7	1
47	Repurposing Ellipticine Hydrochloride to Combat Colistin-Resistant Extraintestinal Pathogenic (ExPEC). *Frontiers in Microbiology*, **2020**, 11, 806	5.7	3
46	BaeSR activates type VI secretion system expression in porcine extra-intestinal pathogenic Escherichia coli to enhance bacterial resistance to zinc stress. *Microbial Pathogenesis*, **2020**, 147, 104357	3.8	1
45	Auranofin Has Advantages over First-Line Drugs in the Treatment of Severe Infections. *Antibiotics*, **2020**, 10,	4.9	2
44	Orphan response regulator Rv3143 increases antibiotic sensitivity by regulating cell wall permeability in Mycobacterium smegmatis. *Archives of Biochemistry and Biophysics*, **2020**, 692, 108522	4.1	2
43	Holistic insights into meningitic infection of astrocytes based on whole transcriptome profiling. *Epigenomics*, **2020**, 12, 1611-1632	4.4	1
42	circ_2858 Helps Blood-Brain Barrier Disruption by Increasing VEGFA via Sponging miR-93-5p during Meningitis. *Molecular Therapy - Nucleic Acids*, **2020**, 22, 708-721	10.7	11
41	The Tat system and its dependent cell division proteins are critical for virulence of extra-intestinal pathogenic. *Virulence*, **2020**, 11, 1279-1292	4.7	1
40	Characterization of multiple type-VI secretion system (T6SS) VgrG proteins in the pathogenicity and antibacterial activity of porcine extra-intestinal pathogenic Escherichia coli. *Virulence*, **2019**, 10, 118-132	4.7	12
39	Immunogenicity and cross-protective efficacy of double-mutant Streptococcus suis SspepO/SspspC serotypes 2 and 7. *Vaccine*, **2019**, 37, 2194-2199	4.1	2
38	A Streptococcus suis Live Vaccine Suppresses Streptococcal Toxic Shock-Like Syndrome and Provides Sequence Type-Independent Protection. *Journal of Infectious Diseases*, **2019**, 219, 448-458	7	3
37	Effect of O antigen ligase gene mutation on oxidative stress resistance and pathogenicity of NMEC strain RS218. *Microbial Pathogenesis*, **2019**, 136, 103656	3.8	3
36	Recent Proceedings on Prevalence and Pathogenesis of. *Current Issues in Molecular Biology*, **2019**, 32, 473-520	2.9	6
35	Enniatin A1, A Natural Compound with Bactericidal Activity against In Vitro. *Molecules*, **2019**, 25,	4.8	4
34	O-serogroups, virulence genes, antimicrobial susceptibility, and MLST genotypes of Shiga toxin-producing Escherichia coli from swine and cattle in Central China. *BMC Veterinary Research*, **2019**, 15, 427	2.7	6
33	Decrease of miR-19b-3p in Brain Microvascular Endothelial Cells Attenuates Meningitic -Induced Neuroinflammation via TNFAIP3-Mediated NF-B Inhibition. *Pathogens*, **2019**, 8,	4.5	8

32	Binding of Fibronectin to SsPepO Facilitates the Development of Streptococcus suis Meningitis. *Journal of Infectious Diseases*, **2018**, 217, 973-982	7	8
31	Fisetin Lowers serotype 2 Pathogenicity in Mice by Inhibiting the Hemolytic Activity of Suilysin. *Frontiers in Microbiology*, **2018**, 9, 1723	5.7	10
30	Transactivated Epidermal Growth Factor Receptor Recruitment of α-actinin-4 From F-actin Contributes to Invasion of Brain Microvascular Endothelial Cells by Meningitic. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 448	5.9	10
29	Circular RNA Transcriptomic Analysis of Primary Human Brain Microvascular Endothelial Cells Infected with Meningitic Escherichia coli. *Molecular Therapy - Nucleic Acids*, **2018**, 13, 651-664	10.7	11
28	The 1910HK/RR two-component system is essential for the virulence of Streptococcus suis serotype 2. *Microbial Pathogenesis*, **2017**, 104, 137-145	3.8	4
27	Characterization and distinction of two flagellar systems in extraintestinal pathogenic Escherichia coli PCN033. *Microbiological Research*, **2017**, 196, 69-79	5.3	5
26	Comparative Proteomics Analysis of Human Macrophages Infected with Virulent. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 65	5.9	17
25	EGFR transactivation contributes to neuroinflammation in Streptococcus suis meningitis. *Journal of Neuroinflammation*, **2016**, 13, 274	10.1	15
24	Effect of kpsM on the virulence of porcine extraintestinal pathogenic Escherichia coli. *FEMS Microbiology Letters*, **2016**, 363,	2.9	7
23	Unexpected complexity of multidrug resistance in the mcr-1-harbouring Escherichia coli. *Science China Life Sciences*, **2016**, 59, 732-4	8.5	19
22	Complete genome sequence and characterization of avian pathogenic Escherichia coli field isolate ACN001. *Standards in Genomic Sciences*, **2016**, 11, 13		9
21	Genomic characterization of Pasteurella multocida HB01, a serotype A bovine isolate from China. *Gene*, **2016**, 581, 85-93	3.8	18
20	Effect of the glycosyltransferases on the capsular polysaccharide synthesis of Streptococcus suis serotype 2. *Microbiological Research*, **2016**, 185, 45-54	5.3	17
19	Induction of VEGFA and Snail-1 by meningitic Escherichia coli mediates disruption of the blood-brain barrier. *Oncotarget*, **2016**, 7, 63839-63855	3.3	29
18	Polyphosphate Kinase Mediates Antibiotic Tolerance in Extraintestinal Pathogenic Escherichia coli PCN033. *Frontiers in Microbiology*, **2016**, 7, 724	5.7	9
17	Differential transcription profiles of long non-coding RNAs in primary human brain microvascular endothelial cells in response to meningitic Escherichia coli. *Scientific Reports*, **2016**, 6, 38903	4.9	28
16	Roles of Hcp family proteins in the pathogenesis of the porcine extraintestinal pathogenic Escherichia coli type VI secretion system. *Scientific Reports*, **2016**, 6, 26816	4.9	18
15	Diversified variants of the mcr-1-carrying plasmid reservoir in the swine lung microbiota. *Science China Life Sciences*, **2016**, 59, 971-3	8.5	20

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14	Actinobacillus pleuropneumoniae two-component system QseB/QseC regulates the transcription of PilM, an important determinant of bacterial adherence and virulence. *Veterinary Microbiology*, **2015**, 177, 184-92	3.3	19
13	Construction, characterization and evaluation of the protective efficacy of the Streptococcus suis double mutant strain ΔsPep/ΔsPspC as a live vaccine candidate in mice. *Microbiological Research*, **2015**, 170, 87-94	5.3	11
12	Genome analysis and in vivo virulence of porcine extraintestinal pathogenic Escherichia coli strain PCN033. *BMC Genomics*, **2015**, 16, 717	4.5	50
11	Genetic variation analyses of porcine epidemic diarrhea virus isolated in mid-eastern China from 2011 to 2013. *Canadian Journal of Veterinary Research*, **2015**, 79, 8-15	0.5	4
10	The two-component system NisK/NisR contributes to the virulence of Streptococcus suis serotype 2. *Microbiological Research*, **2014**, 169, 541-6	5.3	28
9	Plasmid-mediated multidrug resistance and virulence in an avian pathogenic Escherichia coli strain isolated in China. *Journal of Global Antimicrobial Resistance*, **2014**, 2, 57-58	3.4	8
8	TolC promotes ExPEC biofilm formation and curli production in response to medium osmolarity. *BioMed Research International*, **2014**, 2014, 574274	3	18
7	Development of a multiplex TaqMan probe-based real-time PCR for discrimination of variant and classical porcine epidemic diarrhea virus. *Journal of Virological Methods*, **2014**, 206, 150-5	2.6	23
6	Serotypes and virulence genes of extraintestinal pathogenic Escherichia coli isolates from diseased pigs in China. *Veterinary Journal*, **2012**, 192, 483-8	2.5	30
5	SsPep contributes to the virulence of Streptococcus suis. *Microbial Pathogenesis*, **2011**, 51, 319-24	3.8	7
4	Genome sequence of a porcine extraintestinal pathogenic Escherichia coli strain. *Journal of Bacteriology*, **2011**, 193, 5038	3.5	16
3	Vaccination with Streptococcus suis serotype 2 recombinant 6PGD protein provides protection against S. suis infection in swine. *FEMS Microbiology Letters*, **2009**, 296, 78-83	2.9	13
2	Cloning, expression and characterization of a cell wall surface protein, 6-phosphogluconate-dehydrogenase, of Streptococcus suis serotype 2. *Veterinary Microbiology*, **2008**, 130, 363-70	3.3	22
1	The key virulence-associated genes of Streptococcus suis type 2 are upregulated and differentially expressed in vivo. *FEMS Microbiology Letters*, **2008**, 278, 108-14	2.9	20