

Huochun Yao

List of Publications by Year in descending order

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85
papers

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331259

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#	ARTICLE	IF	CITATIONS
1	Identification of a novel broad-spectrum endolysin, Ply0643, with high antibacterial activity in mouse models of streptococcal bacteraemia and mastitis. <i>Research in Veterinary Science</i> , 2022, 143, 41-49.	0.9	4
2	XRE family transcriptional regulator XtrSs modulates <i>Streptococcus suis</i> fitness under hydrogen peroxide stress. <i>Archives of Microbiology</i> , 2022, 204, 244.	1.0	6
3	Pathogenic investigations of <i>Streptococcus pasteurianus</i> , an underreported zoonotic pathogen, isolated from a diseased piglet with meningitis. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2609-2620.	1.3	10
4	The antimicrobial systems of <i>Streptococcus suis</i> promote niche competition in pig tonsils. <i>Virulence</i> , 2022, 13, 781-793.	1.8	12
5	The characteristics of population structure and antimicrobial resistance of <i>Streptococcus suis</i> serotype 8, a non-negligible pathotype. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	1.3	1
6	Isolation and Identification of Two Clinical Strains of the Novel Genotype <i>Enterovirus E5</i> in China. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	6
7	Screening Host Antiviral Proteins under the Enhanced Immune Responses Induced by a Variant Strain of Porcine Epidemic Diarrhea Virus. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	5
8	Screening virulence factors of porcine extraintestinal pathogenic <i>Escherichia coli</i> (an emerging) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 68, 2005-2016.	1.3	5
9	Insight Into the Virulence Related Secretion Systems, Fimbriae, and Toxins in O2:K1 <i>Escherichia coli</i> Isolated From Bovine Mastitis. <i>Frontiers in Veterinary Science</i> , 2021, 8, 622725.	0.9	3
10	CrfP, a fratricide protein, contributes to natural transformation in <i>Streptococcus suis</i> . <i>Veterinary Research</i> , 2021, 52, 50.	1.1	5
11	The population structure, antimicrobial resistance, and pathogenicity of <i>Streptococcus suis</i> cps31. <i>Veterinary Microbiology</i> , 2021, 259, 109149.	0.8	14
12	An Auto-Regulating Type II Toxin-Antitoxin System Modulates Drug Resistance and Virulence in <i>Streptococcus suis</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 671706.	1.5	3
13	The effectiveness of extended binding affinity of prophage lysin PlyARI against <i>Streptococcus suis</i> infection. <i>Archives of Microbiology</i> , 2021, 203, 5163-5172.	1.0	2
14	Transcriptional regulator XtgS is involved in iron transition and attenuates the virulence of <i>Streptococcus agalactiae</i> . <i>Research in Veterinary Science</i> , 2021, 138, 109-115.	0.9	0
15	Comparative genetic analyses provide clues about capsule switching in <i>Streptococcus suis</i> 2 strains with different virulence levels and genetic backgrounds. <i>Microbiological Research</i> , 2021, 250, 126814.	2.5	8
16	Isolation and Identification of Type F Bovine Enterovirus from Clinical Cattle with Diarrhoea. <i>Viruses</i> , 2021, 13, 2217.	1.5	4
17	The Novel Streptococcal Transcriptional Regulator XtgS Negatively Regulates Bacterial Virulence and Directly Represses PseP Transcription. <i>Infection and Immunity</i> , 2020, 88, .	1.0	13
18	YSIRK-G/S-directed translocation is required for <i>Streptococcus suis</i> to deliver diverse cell wall anchoring effectors contributing to bacterial pathogenicity. <i>Virulence</i> , 2020, 11, 1539-1556.	1.8	7

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19	Identification of a novel bacterial taxon associated with bovine mastitis showing a close evolutionary relationship with <i>Elizabethkingia</i> sp. <i>Microbiological Research</i> , 2020, 236, 126443.	2.5	4
20	<i>Streptococcus suis</i> Uptakes Carbohydrate Source from Host Glycoproteins by N-glycans Degradation System for Optimal Survival and Full Virulence during Infection. <i>Pathogens</i> , 2020, 9, 387.	1.2	4
21	Preferential use of carbon central metabolism and anaerobic respiratory chains in porcine extraintestinal pathogenic <i>Escherichia coli</i> during bloodstream infection. <i>Veterinary Microbiology</i> , 2020, 249, 108830.	0.8	3
22	Identification of an Autorepressing Two-Component Signaling System That Modulates Virulence in <i>Streptococcus suis</i> Serotype 2. <i>Infection and Immunity</i> , 2019, 87, .	1.0	10
23	Bacitracin resistance and enhanced virulence of <i>Streptococcus suis</i> via a novel efflux pump. <i>BMC Veterinary Research</i> , 2019, 15, 377.	0.7	18
24	Utilization of the ComRS system for the rapid markerless deletion of chromosomal genes in <i>Streptococcus suis</i> . <i>Future Microbiology</i> , 2019, 14, 207-222.	1.0	23
25	Identification of six novel capsular polysaccharide loci (<i>NCL</i>) from <i>Streptococcus suis</i> multidrug resistant non-typeable strains and the pathogenic characteristic of strains carrying new <i>NCL</i> s. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 995-1003.	1.3	21
26	A novel autolysin AtlASS mediates bacterial cell separation during cell division and contributes to full virulence in <i>Streptococcus suis</i> . <i>Veterinary Microbiology</i> , 2019, 234, 92-100.	0.8	13
27	Role of ClpX and ClpP in <i>Streptococcus suis</i> serotype 2 stress tolerance and virulence. <i>Microbiological Research</i> , 2019, 223-225, 99-109.	2.5	18
28	ICESsuHN105, a Novel Multiple Antibiotic Resistant ICE in <i>Streptococcus suis</i> Serotype 5 Strain HN105. <i>Frontiers in Microbiology</i> , 2019, 10, 274.	1.5	16
29	A novel integrative conjugative element mediates transfer of multi-drug resistance between <i>Streptococcus suis</i> strains of different serotypes. <i>Veterinary Microbiology</i> , 2019, 229, 110-116.	0.8	23
30	The Two-Component Signaling System VraSR _{ss} Is Critical for Multidrug Resistance and Full Virulence in <i>Streptococcus suis</i> Serotype 2. <i>Infection and Immunity</i> , 2018, 86, .	1.0	17
31	Diverse toxic effectors are harbored by <i>vgrG</i> islands for interbacterial antagonism in type VI secretion system. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1635-1643.	1.1	42
32	Three Hcp homologs with divergent extended loop regions exhibit different functions in avian pathogenic <i>Escherichia coli</i> . <i>Emerging Microbes and Infections</i> , 2018, 7, 1-13.	3.0	20
33	Infection and adaption-based proteomic changes of <i>Streptococcus suis</i> serotype 2 in a pig model. <i>Journal of Proteomics</i> , 2018, 180, 41-52.	1.2	12
34	High reversion potential of a cell-adapted vaccine candidate against highly pathogenic porcine reproductive and respiratory syndrome. <i>Veterinary Microbiology</i> , 2018, 227, 133-142.	0.8	23
35	<i>Streptococcus suis</i> synthesizes deoxyadenosine and adenosine by 5'-nucleotidase to dampen host immune responses. <i>Virulence</i> , 2018, 9, 1509-1520.	1.8	24
36	Antibiotics Resistance Genes Screening and Comparative Genomics Analysis of Commensal <i>Escherichia coli</i> Isolated from Poultry Farms between China and Sudan. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	15

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37	Extraintestinal pathogenic <i>Escherichia coli</i> increase extracytoplasmic polysaccharide biosynthesis for serum resistance in response to bloodstream signals. <i>Molecular Microbiology</i> , 2018, 110, 689-706.	1.2	21
38	Intracranial Subarachnoidal Route of Infection for Investigating Roles of <i>Streptococcus suis</i> ; Biofilms in Meningitis in a Mouse Infection Model. <i>Journal of Visualized Experiments</i> , 2018, .	0.2	8
39	SssP1, a <i>Streptococcus suis</i> Fimbria-Like Protein Transported by the SecY2/A2 System, Contributes to Bacterial Virulence. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	16
40	Uropathogenic <i>Escherichia coli</i> preferentially utilize metabolites in urine for nucleotide biosynthesis through salvage pathways. <i>International Journal of Medical Microbiology</i> , 2018, 308, 990-999.	1.5	10
41	SBP1 is an adhesion-associated factor without the involvement of virulence in <i>Streptococcus suis</i> serotype 2. <i>Microbial Pathogenesis</i> , 2018, 122, 90-97.	1.3	6
42	The Hcp proteins fused with diverse extended-toxin domains represent a novel pattern of antibacterial effectors in type VI secretion systems. <i>Virulence</i> , 2017, 8, 1189-1202.	1.8	120
43	Role of outer membrane protein T in pathogenicity of avian pathogenic <i>Escherichia coli</i> . <i>Research in Veterinary Science</i> , 2017, 115, 109-116.	0.9	21
44	<i>Streptococcus suis</i> small RNA rss04 contributes to the induction of meningitis by regulating capsule synthesis and by inducing biofilm formation in a mouse infection model. <i>Veterinary Microbiology</i> , 2017, 199, 111-119.	0.8	29
45	Identification and Detection of Serotype-Specific Genes: Effective Serotyping of <i>Streptococcus suis</i> . <i>Current Clinical Microbiology Reports</i> , 2017, 4, 29-35.	1.8	0
46	Down-regulating heat shock protein 27 is involved in porcine epidemic diarrhea virus escaping from host antiviral mechanism. <i>Veterinary Microbiology</i> , 2017, 205, 6-13.	0.8	17
47	<i>Streptococcus suis</i> serotype 9 strain GZ0565 contains a type VII secretion system putative substrate EsxA that contributes to bacterial virulence and a vanZ-like gene that confers resistance to teicoplanin and dalbavancin in <i>Streptococcus agalactiae</i> . <i>Veterinary Microbiology</i> , 2017, 205, 26-33.	0.8	42
48	The non-conserved region of MRP is involved in the virulence of <i>Streptococcus suis</i> serotype 2. <i>Virulence</i> , 2017, 8, 1274-1289.	1.8	25
49	Functional role of ompF and ompC porins in pathogenesis of avian pathogenic <i>Escherichia coli</i> . <i>Microbial Pathogenesis</i> , 2017, 107, 29-37.	1.3	57
50	Factor H specifically capture novel Factor H-binding proteins of <i>Streptococcus suis</i> and contribute to the virulence of the bacteria. <i>Microbiological Research</i> , 2017, 196, 17-25.	2.5	12
51	Multilocus sequence typing and virulence genotyping of <i>Streptococcus suis</i> serotype 9 isolates revealed high genetic and virulence diversity. <i>FEMS Microbiology Letters</i> , 2017, 364, .	0.7	28
52	Alterations in gp37 Expand the Host Range of a T4-Like Phage. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	41
53	The recombinant EHV-1 vector producing CDV hemagglutinin as potential vaccine against canine distemper. <i>Microbial Pathogenesis</i> , 2017, 111, 388-394.	1.3	8
54	Fibronectin-/fibrinogen-binding protein (FBPS) is not a critical virulence factor for the <i>Streptococcus suis</i> serotype 2 strain ZY05719. <i>Veterinary Microbiology</i> , 2017, 208, 38-46.	0.8	20

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55	Characterization and virulence clustering analysis of extraintestinal pathogenic <i>Escherichia coli</i> isolated from swine in China. <i>BMC Veterinary Research</i> , 2017, 13, 94.	0.7	25
56	Acute meningitis of piglets and mice caused by co-infected with <i>Streptococcus suis</i> and <i>Aerococcus viridans</i> . <i>Microbial Pathogenesis</i> , 2017, 106, 60-64.	1.3	13
57	PAARs proteins harbor various C-terminal toxins to diversify the antibacterial pathways of type VI secretion systems. <i>Environmental Microbiology</i> , 2017, 19, 345-360.	1.8	105
58	Inducible Prophage Mutant of <i>Escherichia coli</i> Can Lyse New Host and the Key Sites of Receptor Recognition Identification. <i>Frontiers in Microbiology</i> , 2017, 8, 147.	1.5	18
59	Efficacy of Phage Therapy in Controlling Rabbit Colibacillosis and Changes in Cecal Microbiota. <i>Frontiers in Microbiology</i> , 2017, 8, 957.	1.5	19
60	Identification of two mutation sites in spike and envelope proteins mediating optimal cellular infection of porcine epidemic diarrhea virus from different pathways. <i>Veterinary Research</i> , 2017, 48, 44.	1.1	22
61	A <i>Streptococcus suis</i> LysM domain surface protein contributes to bacterial virulence. <i>Veterinary Microbiology</i> , 2016, 187, 64-69.	0.8	19
62	Isolation and characterization of a T4-like phage with a relatively wide host range within <i>Escherichia coli</i> . <i>Journal of Basic Microbiology</i> , 2016, 56, 405-421.	1.8	22
63	Isolation, genome sequencing and functional analysis of two T7-like coliphages of avian pathogenic <i>Escherichia coli</i> . <i>Gene</i> , 2016, 582, 47-58.	1.0	29
64	Identification of Novel Laminin- and Fibronectin-binding Proteins by Far-Western Blot: Capturing the Adhesins of <i>Streptococcus suis</i> Type 2. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 82.	1.8	64
65	Novel insights into the pathogenicity of epidemic <i>Aeromonas hydrophila</i> ST251 clones from comparative genomics. <i>Scientific Reports</i> , 2015, 5, 9833.	1.6	110
66	Novel Variant Serotype of <i>Streptococcus suis</i> Isolated from Piglets with Meningitis. <i>Applied and Environmental Microbiology</i> , 2015, 81, 976-985.	1.4	57
67	Antibacterial effect of porcine PTX3 against <i>Streptococcus suis</i> type 2 infection. <i>Microbial Pathogenesis</i> , 2015, 89, 128-139.	1.3	12
68	Fifteen novel immunoreactive proteins of Chinese virulent <i>Haemophilus parasuis</i> serotype 5 verified by an immunoproteomic assay. <i>Folia Microbiologica</i> , 2015, 60, 81-87.	1.1	8
69	Genomic and Epidemiological Characteristics Provide New Insights into the Phylogeographical and Spatiotemporal Spread of Porcine Epidemic Diarrhea Virus in Asia. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1484-1492.	1.8	86
70	Characterization and complete genome sequence analysis of <i>Staphylococcus aureus</i> bacteriophage JS01. <i>Virus Genes</i> , 2015, 50, 345-348.	0.7	5
71	Virulence genotyping and population analysis of <i>Streptococcus suis</i> serotype 2 isolates from China. <i>Infection, Genetics and Evolution</i> , 2015, 36, 483-489.	1.0	23
72	Whole-Genome Sequence of <i>Streptococcus suis</i> Serotype 4 Reference Strain 6407. <i>Genome Announcements</i> , 2014, 2, .	0.8	6

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73	The <i>Streptococcus suis</i> transcriptional landscape reveals adaptation mechanisms in pig blood and cerebrospinal fluid. <i>Rna</i> , 2014, 20, 882-898.	1.6	59
74	Identification of a virulence-related surface protein XF in piscine <i>Streptococcus agalactiae</i> by pre-absorbed immunoproteomics. <i>BMC Veterinary Research</i> , 2014, 10, 259.	0.7	6
75	Comparative genomic analysis shows that <i>Streptococcus suis</i> meningitis isolate SC070731 contains a unique 105K genomic island. <i>Gene</i> , 2014, 535, 156-164.	1.0	45
76	Two Functional Type VI Secretion Systems in Avian Pathogenic <i>Escherichia coli</i> Are Involved in Different Pathogenic Pathways. <i>Infection and Immunity</i> , 2014, 82, 3867-3879.	1.0	63
77	Development of a differentiable virus via a spontaneous deletion in the nsp2 region associated with cell adaptation of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2013, 171, 150-160.	1.1	17
78	Genetic diversity and features analysis of type VI secretion systems loci in avian pathogenic <i>Escherichia coli</i> by wide genomic scanning. <i>Infection, Genetics and Evolution</i> , 2013, 20, 454-464.	1.0	29
79	Immunoproteomics selection of cross-protective vaccine candidates from <i>Riemerella anatipestifer</i> serotypes 1 and 2. <i>Veterinary Microbiology</i> , 2013, 162, 850-857.	0.8	27
80	Immunoproteomic identification of 11 novel immunoreactive proteins of <i>Riemerella anatipestifer</i> serotype 2. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 65, 84-95.	2.7	14
81	Identification of Candidate Susceptibility and Resistance Genes of Mice Infected with <i>Streptococcus suis</i> Type 2. <i>PLoS ONE</i> , 2012, 7, e32150.	1.1	11
82	Construction and Characterization of a <i>Streptococcus suis</i> Serotype 2 Recombinant Expressing Enhanced Green Fluorescent Protein. <i>PLoS ONE</i> , 2012, 7, e39697.	1.1	1
83	Immunoproteomic analysis of bacterial proteins of <i>Actinobacillus pleuropneumoniae</i> serotype 1. <i>Proteome Science</i> , 2011, 9, 32.	0.7	14
84	Pre-Absorbed Immunoproteomics: A Novel Method for the Detection of <i>Streptococcus suis</i> Surface Proteins. <i>PLoS ONE</i> , 2011, 6, e21234.	1.1	23
85	Coronavirus as an Agent of Neonatal Calf Diarrhea in a Chinese Dairy Cattle Farm. <i>Zoonoses and Public Health</i> , 1991, 38, 473-476.	1.4	4