

# Ganwu Li

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81  
papers

1,512  
citations

18  
h-index

37  
g-index

89  
ext. papers

1,926  
ext. citations

4.2  
avg, IF

4.35  
L-index

#	Paper	IF	Citations
81	Characterization of a 2016-2017 Human Seasonal H3 Influenza A Virus Spillover Now Endemic to U.S. Swine.. <i>MSphere</i> , <b>2022</b> , e0080921	5	2
80	A previously uncharacterized two-component signaling system in uropathogenic Escherichia coli coordinates protection against host-derived oxidative stress with activation of hemolysin-mediated host cell pyroptosis. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1010005	7.6	3
79	Mode of action and structural modelling of the interaction of formononetin with sullysin. <i>Journal of Applied Microbiology</i> , <b>2021</b> , 131, 2010-2018	4.7	
78	An Extracytoplasmic Function Sigma/Anti-Sigma Factor System Regulates Hypochlorous Acid Resistance and Impacts Expression of the Type IV Secretion System in. <i>Journal of Bacteriology</i> , <b>2021</b> , 203, e0012721	3.5	3
77	Complete Coding Genome Sequence of a Novel Porcine Reproductive and Respiratory Syndrome Virus 2 Restriction Fragment Length Polymorphism 1-4-4 Lineage 1C Variant Identified in Iowa, USA. <i>Microbiology Resource Announcements</i> , <b>2021</b> , 10, e0044821	1.3	4
76	Proteomics Investigation of the Time Course Responses of RAW264.7 Macrophages to Infections With the Wild-Type and Twin-Arginine Translocation Mutant Strains of. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 679571	5.9	0
75	Identification of a Ruminant Origin Group B Rotavirus Associated with Diarrhea Outbreaks in Foals. <i>Viruses</i> , <b>2021</b> , 13,	6.2	4
74	Citrate utilization under anaerobic environment in Escherichia coli is under direct control of Fnr and indirect control of ArcA and Fnr via CitA-CitB system. <i>Environmental Microbiology</i> , <b>2021</b> , 23, 1496-1509	5.2	2
73	Characterization of Shiga toxin-producing Escherichia coli isolated from Cattle and Sheep in Xinjiang province, China, using whole-genome sequencing. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> ,	4.2	1
72	Whole genome sequencing analysis of avian pathogenic Escherichia coli from China. <i>Veterinary Microbiology</i> , <b>2021</b> , 259, 109158	3.3	2
71	Response characteristics of nirS-type denitrifier Paracoccus denitrificans under florfenicol stress. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 219, 112355	7	3
70	Comparison of Antimicrobial Resistance Profiles in spp. from Swine Upon Arrival and Postslaughter at the Abattoir. <i>Microbial Drug Resistance</i> , <b>2021</b> , 27, 1144-1154	2.9	2
69	Bis-molybdopterin guanine dinucleotide modulates hemolysin expression under anaerobiosis and contributes to fitness in vivo in uropathogenic Escherichia coli. <i>Molecular Microbiology</i> , <b>2021</b> , 116, 1216-1231	4.1	1
68	MDA5 attenuate autophagy in chicken embryo fibroblasts infected with IBDV. <i>British Poultry Science</i> , <b>2021</b> , 1-10	1.9	
67	Case Report and Genomic Characterization of a Novel Porcine Nodavirus in the United States. <i>Viruses</i> , <b>2021</b> , 13,	6.2	1
66	Transcriptomic and Metabolomic Profiling Reveals That KguR Broadly Impacts the Physiology of Uropathogenic Under Relevant Conditions.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 793391	5.7	0
65	Cyclooxygenase-2 Inhibition Reduces Autophagy of Macrophages Enhancing Extraintestinal Pathogenic Infection. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 708	5.7	4

64	Role of enterotoxigenic Escherichia coli prophage in spreading antibiotic resistance in a porcine-derived environment. <i>Environmental Microbiology</i> , <b>2020</b> , 22, 4974-4984	5.2	10
63	Genetic characterization of Streptococcus equi subspecies zooepidemicus associated with high swine mortality in the United States. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 2797-2808	4.2	8
62	Cases of high mortality in cull sows and feeder pigs associated with subsp. septicemia. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2020</b> , 32, 565-571	1.5	4
61	Detection of live attenuated influenza vaccine virus and evidence of reassortment in the U.S. swine population. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2020</b> , 32, 301-311	1.5	11
60	Isolation of PCV3 from Perinatal and Reproductive Cases of PCV3-Associated Disease and In Vivo Characterization of PCV3 Replication in CD/CD Growing Pigs. <i>Viruses</i> , <b>2020</b> , 12,	6.2	23
59	Mycoplasma hyopneumoniae Inhibits Porcine Beta-Defensin 2 Production by Blocking the Unfolded Protein Response To Facilitate Epithelial Adhesion and Infection. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3.7	3
58	Genetically divergent porcine sapovirus identified in pigs, United States. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 18-28	4.2	4
57	Phylogenetics, Genomic Recombination, and NSP2 Polymorphic Patterns of Porcine Reproductive and Respiratory Syndrome Virus in China and the United States in 2014-2018. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	27
56	Transcriptomic profile analysis of brain inferior colliculus following acute hydrogen sulfide exposure. <i>Toxicology</i> , <b>2020</b> , 430, 152345	4.4	6
55	Molecular Characterization of the Major Open Reading Frames (ORFs) and Enhancer Elements From Four Geographically Distinct North American Equine Infectious Anemia Virus (EIAV) Isolates. <i>Journal of Equine Veterinary Science</i> , <b>2020</b> , 85, 102852	1.2	2
54	The Twin-Arginine Translocation System Is Important for Stress Resistance and Virulence of Brucella melitensis. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3.7	4
53	Novel Avian Pathogenic Escherichia coli Genes Responsible for Adhesion to Chicken and Human Cell Lines. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	4
52	Streptococcus suis Serotype 2 Infection Causes Host Immunomodulation through Induction of Thymic Atrophy. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3.7	6
51	Identification of Host Adaptation Genes in Extraintestinal Pathogenic Escherichia coli during Infection in Different Hosts. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	6
50	Detection, isolation, and in vitro characterization of porcine parainfluenza virus type 1 isolated from respiratory diagnostic specimens in swine. <i>Veterinary Microbiology</i> , <b>2019</b> , 228, 219-225	3.3	10
49	Genotypes and Antimicrobial Susceptibility Profiles of Hemolytic Escherichia coli from Diarrheic Piglets. <i>Foodborne Pathogens and Disease</i> , <b>2019</b> , 16, 94-103	3.8	17
48	Genomic Sequence of a Strain Identified in Laying Hens in Brazil. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	1
47	Inter-serotype reassortment among epizootic haemorrhagic disease viruses in the United States. <i>Transboundary and Emerging Diseases</i> , <b>2019</b> , 66, 1809-1820	4.2	0

46	GroEL Protein (Heat Shock Protein 60) of <i>Mycoplasma gallisepticum</i> Induces Apoptosis in Host Cells by Interacting with Annexin A2. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	6
45	Novel siadenovirus infection in a cockatiel with chronic liver disease. <i>Virus Research</i> , <b>2019</b> , 263, 164-168	6.4	8
44	Intrahost Selection Pressure Drives Equine Arteritis Virus Evolution during Persistent Infection in the Stallion Reproductive Tract. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	3
43	Development of a triplex real-time RT-PCR assay for detection and differentiation of three US genotypes of porcine hemagglutinating encephalomyelitis virus. <i>Journal of Virological Methods</i> , <b>2019</b> , 269, 13-17	2.6	2
42	Genetic diversity of porcine reproductive and respiratory syndrome virus 1 in the United States of America from 2010 to 2018. <i>Veterinary Microbiology</i> , <b>2019</b> , 239, 108486	3.3	7
41	Recombination between Vaccine and Field Strains of Porcine Reproductive and Respiratory Syndrome Virus. <i>Emerging Infectious Diseases</i> , <b>2019</b> , 25, 2335-2337	10.2	18
40	Silibinin attenuates <i>Streptococcus suis</i> serotype 2 virulence by targeting suilysin. <i>Journal of Applied Microbiology</i> , <b>2019</b> , 126, 435-442	4.7	2
39	Identification of porcine epidemic diarrhea virus variant with a large spike gene deletion from a clinical swine sample in the United States. <i>Virus Genes</i> , <b>2018</b> , 54, 323-327	2.3	10
38	Detection and genetic characterization of porcine pegivirus in pigs in the United States. <i>Transboundary and Emerging Diseases</i> , <b>2018</b> , 65, 618-626	4.2	9
37	O-specific polysaccharide confers lysozyme resistance to extraintestinal pathogenic <i>Escherichia coli</i> . <i>Virulence</i> , <b>2018</b> , 9, 666-680	4.7	7
36	A novel small RNA Bmsr1 enhances virulence in <i>Brucella melitensis</i> M28. <i>Veterinary Microbiology</i> , <b>2018</b> , 223, 1-8	3.3	8
35	Metagenomic analysis of the RNA fraction of the fecal virome indicates high diversity in pigs infected by porcine endemic diarrhea virus in the United States. <i>Virology Journal</i> , <b>2018</b> , 15, 95	6.1	34
34	Uropathogenic <i>Escherichia coli</i> preferentially utilize metabolites in urine for nucleotide biosynthesis through salvage pathways. <i>International Journal of Medical Microbiology</i> , <b>2018</b> , 308, 990-999	3.7	8
33	Genomic Sequence of a Swine Pasivirus Type 1 Strain Identified in U.S. Swine. <i>Genome Announcements</i> , <b>2018</b> , 6,		1
32	Complete Genome Sequences of Two Novel Human-Like H3N2 Influenza A Viruses, A/swine/Oklahoma/65980/2017 (H3N2) and A/swine/Oklahoma/65260/2017 (H3N2), Detected in Swine in the United States. <i>Microbiology Resource Announcements</i> , <b>2018</b> , 7,	1.3	11
31	Extraintestinal pathogenic <i>Escherichia coli</i> increase extracytoplasmic polysaccharide biosynthesis for serum resistance in response to bloodstream signals. <i>Molecular Microbiology</i> , <b>2018</b> , 110, 689-706	4.1	13
30	Detection and genomic characterization of new avian-like hepatitis E virus in a sparrow in the United States. <i>Archives of Virology</i> , <b>2018</b> , 163, 2861-2864	2.6	6
29	The emergence of novel sparrow deltacoronaviruses in the United States more closely related to porcine deltacoronaviruses than sparrow deltacoronavirus HKU17. <i>Emerging Microbes and Infections</i> , <b>2018</b> , 7, 105	18.9	21

28	High-throughput whole genome sequencing of Porcine reproductive and respiratory syndrome virus from cell culture materials and clinical specimens using next-generation sequencing technology. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2017</b> , 29, 41-50	1.5	48
27	Microbial community sequencing analysis of the calf eye microbiota and relationship to infectious bovine keratoconjunctivitis. <i>Veterinary Microbiology</i> , <b>2017</b> , 207, 267-279	3.3	12
26	Complete Genome Sequence of Strain USA/MN25890NS/2016, Isolated in the United States. <i>Genome Announcements</i> , <b>2017</b> , 5,		6
25	FNR Regulates the Expression of Important Virulence Factors Contributing to the Pathogenicity of Avian Pathogenic. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 265	5.9	12
24	Origin and Dissemination of Antimicrobial Resistance among Uropathogenic Escherichia coli <b>2016</b> , 179-205		
23	Complete Genome Sequence of Porcine Sapelovirus Strain USA/IA33375/2015 Identified in the United States. <i>Genome Announcements</i> , <b>2016</b> , 4,		8
22	Complete Genome Sequence of the Avian-Pathogenic Escherichia coli Strain APEC O18. <i>Genome Announcements</i> , <b>2016</b> , 4,		3
21	Complete Genome Sequence of the Neonatal Meningitis-Causing Escherichia coli Strain NMEC O18. <i>Genome Announcements</i> , <b>2016</b> , 4,		7
20	Genetic Characterization of ExPEC-Like Virulence Plasmids among a Subset of NMEC. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147757	3.7	8
19	Pathogenesis comparison between the United States porcine epidemic diarrhoea virus prototype and S-INDEL-variant strains in conventional neonatal piglets. <i>Journal of General Virology</i> , <b>2016</b> , 97, 1107-1121	4.9	60
18	Evaluation of serological cross-reactivity and cross-neutralization between the United States porcine epidemic diarrhea virus prototype and S-INDEL-variant strains. <i>BMC Veterinary Research</i> , <b>2016</b> , 12, 70	2.7	27
17	Complete Genome Sequence of Noncytopathic Bovine Viral Diarrhea Virus 1 Contaminating a High-Passage RK-13 Cell Line. <i>Genome Announcements</i> , <b>2015</b> , 3,		3
16	ArcA Controls Metabolism, Chemotaxis, and Motility Contributing to the Pathogenicity of Avian Pathogenic Escherichia coli. <i>Infection and Immunity</i> , <b>2015</b> , 83, 3545-54	3.7	20
15	Origin and Dissemination of Antimicrobial Resistance among Uropathogenic Escherichia coli. <i>Microbiology Spectrum</i> , <b>2015</b> , 3,	8.9	6
14	Full-Length Genome Sequences of Senecavirus A from Recent Idiopathic Vesicular Disease Outbreaks in U.S. Swine. <i>Genome Announcements</i> , <b>2015</b> , 3,		30
13	FNR regulates expression of important virulence factors contributing to pathogenicity of uropathogenic Escherichia coli. <i>Infection and Immunity</i> , <b>2014</b> , 82, 5086-98	3.7	41
12	Full-Length Genome Sequence of Porcine Deltacoronavirus Strain USA/IA/2014/8734. <i>Genome Announcements</i> , <b>2014</b> , 2,		79
11	A novel two-component signaling system facilitates uropathogenic Escherichia coli's ability to exploit abundant host metabolites. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003428	7.6	52

10	Proteome response of an extraintestinal pathogenic <i>Escherichia coli</i> strain with zoonotic potential to human and chicken sera. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 4853-62	3.9	15
9	tkt1, located on a novel pathogenicity island, is prevalent in avian and human extraintestinal pathogenic <i>Escherichia coli</i> . <i>BMC Microbiology</i> , <b>2012</b> , 12, 51	4.5	8
8	Genome sequence of Chinese porcine parvovirus strain PPV2010. <i>Journal of Virology</i> , <b>2012</b> , 86, 2379	6.6	13
7	Transcriptome analysis of avian pathogenic <i>Escherichia coli</i> O1 in chicken serum reveals adaptive responses to systemic infection. <i>Infection and Immunity</i> , <b>2011</b> , 79, 1951-60	3.7	39
6	Monoclonal antibodies against Stx1B subunit of <i>Escherichia coli</i> O157:H7 distinguish the bacterium from other bacteria. <i>Letters in Applied Microbiology</i> , <b>2010</b> , 51, 499-503	2.9	7
5	AatA is a novel autotransporter and virulence factor of avian pathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , <b>2010</b> , 78, 898-906	3.7	34
4	Avian-pathogenic <i>Escherichia coli</i> strains are similar to neonatal meningitis <i>E. coli</i> strains and are able to cause meningitis in the rat model of human disease. <i>Infection and Immunity</i> , <b>2010</b> , 78, 3412-9	3.7	137
3	Characterization of a yjjQ mutant of avian pathogenic <i>Escherichia coli</i> (APEC). <i>Microbiology (United Kingdom)</i> , <b>2008</b> , 154, 1082-1093	2.9	26
2	Avian pathogenic, uropathogenic, and newborn meningitis-causing <i>Escherichia coli</i> : how closely related are they?. <i>International Journal of Medical Microbiology</i> , <b>2007</b> , 297, 163-76	3.7	362
1	Identification of genes required for avian <i>Escherichia coli</i> septicemia by signature-tagged mutagenesis. <i>Infection and Immunity</i> , <b>2005</b> , 73, 2818-27	3.7	97