

# Lijie Tang

## List of Publications by Year in descending order

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68  
papers

1,062  
citations

471061

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525886

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71  
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71  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Oral Delivery of Probiotics Expressing Dendritic Cell-Targeting Peptide Fused with Porcine Epidemic Diarrhea Virus COE Antigen: A Promising Vaccine Strategy against PEDV. <i>Viruses</i> , 2017, 9, 312.	1.5	54
2	Oral recombinant <i>Lactobacillus</i> vaccine targeting the intestinal microfold cells and dendritic cells for delivering the core neutralizing epitope of porcine epidemic diarrhea virus. <i>Microbial Cell Factories</i> , 2018, 17, 20.	1.9	54
3	Oral Immunization against PEDV with Recombinant <i>Lactobacillus casei</i> Expressing Dendritic Cell-Targeting Peptide Fusing COE Protein of PEDV in Piglets. <i>Viruses</i> , 2018, 10, 106.	1.5	45
4	Oral immunization of mice with a probiotic <i>Lactobacillus casei</i> constitutively expressing the $\hat{1}\pm$ -toxoid induces protective immunity against <i>Clostridium perfringens</i> $\hat{1}\pm$ -toxin. <i>Virulence</i> , 2019, 10, 166-179.	1.8	41
5	Up-regulation of MDP and tuftsin gene expression in Th1 and Th17 cells as an adjuvant for an oral <i>Lactobacillus casei</i> vaccine against anti-transmissible gastroenteritis virus. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8301-8312.	1.7	37
6	Immunogenicity of Recombinant Classic Swine Fever Virus CD8 <sup>+</sup> T Lymphocyte Epitope and Porcine Parvovirus VP2 Antigen Coexpressed by <i>Lactobacillus casei</i> in Swine via Oral Vaccination. <i>Vaccine Journal</i> , 2011, 18, 1979-1986.	3.2	36
7	Immunogenicity of recombinant <i>Lactobacillus casei</i> -expressing F4 (K88) fimbrial adhesin FaeG in conjunction with a heat-labile enterotoxin A (LTAK63) and heat-labile enterotoxin B (LTB) of enterotoxigenic <i>Escherichia coli</i> as an oral adjuvant in mice. <i>Journal of Applied Microbiology</i> , 2017, 122, 506-515.	1.4	36
8	A phase trial of the oral <i>Lactobacillus casei</i> vaccine polarizes Th2 cell immunity against transmissible gastroenteritis coronavirus infection. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7457-7469.	1.7	32
9	A bovine lactoferricin-lactoferrampin-encoding <i>Lactobacillus reuteri</i> CO21 regulates the intestinal mucosal immunity and enhances the protection of piglets against enterotoxigenic <i>Escherichia coli</i> K88 challenge. <i>Gut Microbes</i> , 2021, 13, 1956281.	4.3	32
10	Porcine transmissible gastroenteritis virus nonstructural protein 2 contributes to inflammation via NF- $\hat{1}\pm$ B activation. <i>Virulence</i> , 2018, 9, 1685-1698.	1.8	30
11	Immunogenicity of eGFP-Marked Recombinant <i>Lactobacillus casei</i> against Transmissible Gastroenteritis Virus and Porcine Epidemic Diarrhea Virus. <i>Viruses</i> , 2017, 9, 274.	1.5	28
12	Oral immunization with a <i>Lactobacillus casei</i> -based anti-porcine epidemic diarrhoea virus (PEDV) vaccine expressing microfold cell-targeting peptide Co1 fused with the COE antigen of PEDV. <i>Journal of Applied Microbiology</i> , 2018, 124, 368-378.	1.4	27
13	Virulence and serological studies of recombinant infectious hematopoietic necrosis virus (IHNV) in rainbow trout. <i>Virus Research</i> , 2016, 220, 193-202.	1.1	24
14	Oral immunization of mice with recombinant <i>Lactococcus lactis</i> expressing porcine transmissible gastroenteritis virus spike glycoprotein. <i>Virus Genes</i> , 2009, 39, 238-245.	0.7	23
15	Construction of upp deletion mutant strains of <i>Lactobacillus casei</i> and <i>Lactococcus lactis</i> based on counterselective system using temperature-sensitive plasmid. <i>Journal of Microbiological Methods</i> , 2014, 102, 37-44.	0.7	23
16	TMPRSS2 and MSPL Facilitate Trypsin-Independent Porcine Epidemic Diarrhea Virus Replication in Vero Cells. <i>Viruses</i> , 2017, 9, 114.	1.5	23
17	The role of infectious hematopoietic necrosis virus (IHNV) proteins in the modulation of NF- $\hat{1}\pm$ B pathway during IHNV infection. <i>Fish and Shellfish Immunology</i> , 2017, 63, 500-506.	1.6	20
18	Oral immunization with a recombinant <i>Lactobacillus</i> expressing CK6 fused with VP2 protein against IPNV in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish and Shellfish Immunology</i> , 2018, 83, 223-231.	1.6	20

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19	Oral delivery of a <i>Lactococcus lactis</i> strain secreting bovine lactoferricinâ€“lactoferrampin alleviates the development of acute colitis in mice. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6169-6186.	1.7	20
20	Immunogenicity evaluation of recombinant <i>Lactobacillus casei</i> W56 expressing bovine viral diarrhea virus E2 protein in conjunction with cholera toxin B subunit as an adjuvant. <i>Microbial Cell Factories</i> , 2020, 19, 186.	1.9	20
21	Dual priming oligonucleotide (DPO)-based real-time RT-PCR assay for accurate differentiation of four major viruses causing porcine viral diarrhea. <i>Molecular and Cellular Probes</i> , 2019, 47, 101435.	0.9	19
22	Simultaneous Detection of Bovine Rotavirus, Bovine Parvovirus, and Bovine Viral Diarrhea Virus Using a Gold Nanoparticle-Assisted PCR Assay With a Dual-Priming Oligonucleotide System. <i>Frontiers in Microbiology</i> , 2019, 10, 2884.	1.5	19
23	Very virulent infectious bursal disease virus-induced immune injury is involved in inflammation, apoptosis, and inflammatory cytokines imbalance in the bursa of fabricius. <i>Developmental and Comparative Immunology</i> , 2021, 114, 103839.	1.0	18
24	Effects of Three Types of Inactivation Agents on the Antibody Response and Immune Protection of Inactivated IHN Virus Vaccine in Rainbow Trout. <i>Viral Immunology</i> , 2016, 29, 430-435.	0.6	17
25	Construction and characterization of thymidine auxotrophic ( $\hat{t}^{\text{thyA}}$ ) recombinant <i>Lactobacillus casei</i> expressing bovine lactoferricin. <i>BMC Veterinary Research</i> , 2018, 14, 206.	0.7	16
26	Screening and Identification of a Chicken Dendritic Cell Binding Peptide by Using a Phage Display Library. <i>Frontiers in Immunology</i> , 2019, 10, 1853.	2.2	16
27	Recombinant <i>Lactobacillus casei</i> expressing <i>Clostridium perfringens</i> toxoids $\hat{t}_1$ , $\hat{t}_2$ , $\hat{t}_\mu$ and $\hat{t}_1$ gives protection against <i>Clostridium perfringens</i> in rabbits. <i>Vaccine</i> , 2017, 35, 4010-4021.	1.7	15
28	Construction of <i>Lactobacillus casei</i> ghosts by Holin-mediated inactivation and the potential as a safe and effective vehicle for the delivery of DNA vaccines. <i>BMC Microbiology</i> , 2018, 18, 80.	1.3	15
29	Determination of antiviral action of long non-coding RNA loc107051710 during infectious bursal disease virus infection due to enhancement of interferon production. <i>Virulence</i> , 2020, 11, 68-79.	1.8	15
30	Recombinant infectious hematopoietic necrosis virus expressing infectious pancreatic necrosis virus VP2 protein induces immunity against both pathogens. <i>Fish and Shellfish Immunology</i> , 2018, 78, 187-194.	1.6	14
31	Efficacy Assessment of Phage Therapy in Treating <i>Staphylococcus aureus</i> -Induced Mastitis in Mice. <i>Viruses</i> , 2022, 14, 620.	1.5	14
32	Identification of the functional domain of the porcine epidemic diarrhoea virus receptor. <i>Journal of General Virology</i> , 2015, 96, 2656-2660.	1.3	12
33	Effects of <i>Lactococcus lactis</i> MG1363 producing fusion proteins of bovine lactoferricinâ€“lactoferrampin on growth, intestinal morphology and immune function in weaned piglet. <i>Journal of Applied Microbiology</i> , 2019, 127, 856-866.	1.4	12
34	Oral vaccination with the porcine circovirus type 2 (PCVâ€“2) capsid protein expressed by <i>Lactococcus lactis</i> induces a specific immune response against PCVâ€“2 in mice. <i>Journal of Applied Microbiology</i> , 2020, 128, 74-87.	1.4	12
35	<i>Lactobacillus johnsonii</i> activates porcine monocyte derived dendritic cells maturation to modulate Th cellular immune response. <i>Cytokine</i> , 2021, 144, 155581.	1.4	12
36	Porcine transmissible gastroenteritis virus inhibits NF- $\hat{\kappa}$ B activity via nonstructural protein 3 to evade host immune system. <i>Virology Journal</i> , 2019, 16, 97.	1.4	11

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37	Recombinant <i>Lactobacillus casei</i> Expressing Capsid Protein VP60 can Serve as Vaccine Against Rabbit Hemorrhagic Disease Virus in Rabbits. <i>Vaccines</i> , 2019, 7, 172.	2.1	11
38	Development of a Colloidal Gold Immunochromatographic Strip Assay for Rapid Detection of Bovine Rotavirus. <i>Viral Immunology</i> , 2019, 32, 393-401.	0.6	11
39	Protective Immunity against Canine Distemper Virus in Dogs Induced by Intranasal Immunization with a Recombinant Probiotic Expressing the Viral H Protein. <i>Vaccines</i> , 2019, 7, 213.	2.1	11
40	Cloning, Prokaryotic Soluble Expression, and Analysis of Antiviral Activity of Two Novel Feline IFN- $\gamma$ Proteins. <i>Viruses</i> , 2020, 12, 335.	1.5	11
41	An EGFP-marked recombinant <i>Lactobacillus</i> oral tetravalent vaccine constitutively expressing $\hat{\iota}\pm$ , $\hat{\iota}\mu$ , $\hat{\iota}^{21}$ , and $\hat{\iota}^{22}$ toxoids for <i>Clostridium perfringens</i> elicits effective anti-toxins protective immunity. <i>Virulence</i> , 2019, 10, 754-767.	1.8	10
42	Immunity induced by recombinant attenuated IHNV (infectious hematopoietic necrosis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (v) pathogens in rainbow trout. <i>Journal of Fish Diseases</i> , 2019, 42, 631-642.	0.9	10
43	Rapid and sensitive detection of salmonid alphavirus using TaqMan real-time PCR. <i>Molecular and Cellular Probes</i> , 2017, 34, 13-20.	0.9	9
44	Identification of amino acid residues in infectious hematopoietic necrosis virus (IHNV) NV protein necessary for viral replication and pathogenicity. <i>Fish and Shellfish Immunology</i> , 2018, 79, 294-302.	1.6	9
45	Immunogenicity and protective efficacy of orally administered recombinant <i>Lactobacillus plantarum</i> expressing VP2 protein against IBDV in chicken. <i>Journal of Applied Microbiology</i> , 2018, 125, 1670-1681.	1.4	9
46	Senecavirus A 2B protein suppresses type I interferon production by inducing the degradation of MAVS. <i>Molecular Immunology</i> , 2022, 142, 11-21.	1.0	9
47	Immune Responses in Pregnant Sows Induced by Recombinant <i>Lactobacillus johnsonii</i> Expressing the COE Protein of Porcine Epidemic Diarrhea Virus Provide Protection for Piglets against PEDV Infection. <i>Viruses</i> , 2022, 14, 7.	1.5	9
48	Genome-wide analysis of differentially expressed mRNAs, lncRNAs, and circRNAs in chicken bursae of Fabricius during infection with very virulent infectious bursal disease virus. <i>BMC Genomics</i> , 2020, 21, 724.	1.2	8
49	Establishment of stable Vero cell lines expressing TMPRSS2 and MSPL: A useful tool for propagating porcine epidemic diarrhea virus in the absence of exogenous trypsin. <i>Virulence</i> , 2020, 11, 669-685.	1.8	8
50	Gasdermin D Inhibits Coronavirus Infection by Promoting the Noncanonical Secretion of Beta Interferon. <i>MBio</i> , 2022, 13, e0360021.	1.8	8
51	Probiotic <i>Lactobacillus casei</i> expressing porcine antimicrobial peptide PR39 elevates antibacterial activity in the gastrointestinal tract. <i>Canadian Journal of Microbiology</i> , 2016, 62, 961-969.	0.8	7
52	N-linked glycosylation sites in G protein of infectious hematopoietic necrosis virus (IHNV) affect its virulence and immunogenicity in rainbow trout. <i>Fish and Shellfish Immunology</i> , 2019, 89, 537-547.	1.6	6
53	Immunogenicity of Recombinant-Deficient <i>Lactobacillus casei</i> with Complementary Plasmid Expressing Alanine Racemase Gene and Core Neutralizing Epitope Antigen against Porcine Epidemic Diarrhea Virus. <i>Vaccines</i> , 2021, 9, 1084.	2.1	6
54	<i>Lactobacillus pentosus</i> expressing porcine lactoferrin elevates antibacterial activity and improves the efficacy of vaccination against Aujeszky's disease. <i>Acta Veterinaria Hungarica</i> , 2016, 64, 289-300.	0.2	5

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55	Oral Immunization with <i>Lactobacillus casei</i> Expressing the Porcine Circovirus Type 2 Cap and LTB Induces Mucosal and Systemic Antibody Responses in Mice. <i>Viruses</i> , 2021, 13, 1302.	1.5	5
56	Evaluation of the Immunogenicity in Mice Orally Immunized with Recombinant <i>Lactobacillus casei</i> Expressing Porcine Epidemic Diarrhea Virus S1 Protein. <i>Viruses</i> , 2022, 14, 890.	1.5	5
57	TBK1 Mediates Innate Antiviral Immune Response against Duck Enteritis Virus. <i>Viruses</i> , 2022, 14, 1008.	1.5	5
58	Identification of antigenic epitopes of monoclonal antibodies against the VP2 protein of the 25 serotype of bluetongue virus. <i>Veterinary Microbiology</i> , 2018, 219, 136-143.	0.8	4
59	Establishment and evaluation of an indirect immunofluorescence assay for the detection of salmonid alphavirus. <i>Letters in Applied Microbiology</i> , 2018, 66, 293-299.	1.0	4
60	<i>Lactobacillus johnsonii</i> -activated chicken bone marrow-derived dendritic cells exhibit maturation and increased expression of cytokines and chemokines in vitro. <i>Cytokine</i> , 2020, 136, 155269.	1.4	4
61	Genome-wide identification of chicken bursae of Fabricius miRNAs in response to very virulent infectious bursal disease virus. <i>Archives of Virology</i> , 2022, 167, 1855-1864.	0.9	4
62	Expression of the alpha toxin of <i>Clostridium perfringens</i> in <i>Lactobacillus casei</i> genome and evaluation of its immune effects in mice. <i>Microbial Pathogenesis</i> , 2018, 118, 1-8.	1.3	3
63	Emergence of novel reassortant H5N6 influenza viruses in poultry and humans in Sichuan Province, China, 2021. <i>Journal of Infection</i> , 2022, , .	1.7	3
64	Strategy of Developing Oral Vaccine Candidates Against Co-infection of Porcine Diarrhea Viruses Based on a <i>Lactobacillus</i> Delivery System. <i>Frontiers in Microbiology</i> , 2022, 13, 872550.	1.5	3
65	Isolation and Characterization of Bovine RVA from Northeast China, 2017-2020. <i>Life</i> , 2021, 11, 1389.	1.1	2
66	Expression and purification of the outer shell protein VP2 of the 4th serotype Bluetongue virus, and preparation of monoclonal antibodies against this protein. <i>Process Biochemistry</i> , 2017, 61, 119-123.	1.8	1
67	Recombinant <i>Enterococcus faecium</i> expressing porcine lactoferricin exerts bactericidal effects and protects against enterotoxigenic <i>Escherichia coli</i> in mice. <i>Process Biochemistry</i> , 2022, 116, 94-107.	1.8	0
68	Oral Immunization of Chickens with Probiotic <i>Lactobacillus crispatus</i> Constitutively Expressing the $\beta$ - $\mu$ - $\beta$ 1 Toxoids to Induce Protective Immunity. <i>Vaccines</i> , 2022, 10, 698.	2.1	0