

Yu C Chang

List of Publications by Year in descending order

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134
papers

3,603
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136950

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docs citations

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times ranked

2880
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | What Makes a Bacterial Species Pathogenic?:Comparative Genomic Analysis of the Genus Leptospira. PLoS Neglected Tropical Diseases, 2016, 10, e0004403. | 3.0 | 253 |
| 2 | Cloning and Characterization of a Hemolysin Gene from Actinobacillus (Haemophilus) pleuropneumoniae. DNA and Cell Biology, 1989, 8, 635-647. | 5.2 | 160 |
| 3 | Leptospirosis: pathogenesis, immunity, and diagnosis. Current Opinion in Infectious Diseases, 2007, 20, 284-292. | 3.1 | 141 |
| 4 | Cloning and Molecular Characterization of an Immunogenic LigA Protein of Leptospira interrogans. Infection and Immunity, 2002, 70, 5924-5930. | 2.2 | 138 |
| 5 | Actinobacillus pleuropneumoniae RTX-toxins: uniform designation of haemolysins, cytolysins, pleurotoxin and their genes. Journal of General Microbiology, 1993, 139, 1723-1728. | 2.3 | 135 |
| 6 | Immunoprotection of Recombinant Leptospiral Immunoglobulin-Like Protein A against Leptospira interrogans Serovar Pomona Infection. Infection and Immunity, 2006, 74, 1745-1750. | 2.2 | 116 |
| 7 | Repeated Domains of Leptospira Immunoglobulin-like Proteins Interact with Elastin and Tropoelastin. Journal of Biological Chemistry, 2009, 284, 19380-19391. | 3.4 | 107 |
| 8 | Whole genome sequencing revealed host adaptation-focused genomic plasticity of pathogenic Leptospira. Scientific Reports, 2016, 6, 20020. | 3.3 | 86 |
| 9 | Immunogenicity and protective efficacy of recombinant Leptospira immunoglobulin-like protein B (rLigB) in a hamster challenge model. Microbes and Infection, 2009, 11, 230-237. | 1.9 | 81 |
| 10 | Immunization with outer membrane vesicles displaying conserved surface polysaccharide antigen elicits broadly antimicrobial antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3106-E3115. | 7.1 | 81 |
| 11 | Expression of leptospiral immunoglobulin-like protein by Leptospira interrogans and evaluation of its diagnostic potential in a kinetic ELISA. Journal of Medical Microbiology, 2004, 53, 975-984. | 1.8 | 74 |
| 12 | A domain of the Leptospira LigB contributes to high affinity binding of fibronectin. Biochemical and Biophysical Research Communications, 2007, 362, 443-448. | 2.1 | 74 |
| 13 | Leptospira immunoglobulin-like protein A variable region (LigAvar) incorporated in liposomes and PLGA microspheres produces a robust immune response correlating to protective immunity. Vaccine, 2009, 27, 378-387. | 3.8 | 67 |
| 14 | Antibiotic treatment of experimentally Borrelia burgdorferi-infected ponies. Veterinary Microbiology, 2005, 107, 285-294. | 1.9 | 65 |
| 15 | Calcium Binds to Leptospiral Immunoglobulin-like Protein, LigB, and Modulates Fibronectin Binding. Journal of Biological Chemistry, 2008, 283, 25140-25149. | 3.4 | 63 |
| 16 | The Terminal Immunoglobulin-Like Repeats of LigA and LigB of Leptospira Enhance Their Binding to Gelatin Binding Domain of Fibronectin and Host Cells. PLoS ONE, 2010, 5, e11301. | 2.5 | 61 |
| 17 | Fibronectin Binds to and Induces Conformational Change in a Disordered Region of Leptospiral Immunoglobulin-like Protein B. Journal of Biological Chemistry, 2009, 284, 23547-23557. | 3.4 | 54 |
| 18 | Helicobacter felis Infection in Dogs: Effect on Gastric Structure and Function. Veterinary Pathology, 1999, 36, 237-248. | 1.7 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Molecular Analysis of the <i>Actinobacillus pleuropneumoniae</i> RTX Toxin-III Gene Cluster. <i>DNA and Cell Biology</i> , 1993, 12, 351-362. | 1.9 | 50 |
| 20 | Immunogenicity of the recombinant leptospiral putative outer membrane proteins as vaccine candidates. <i>Vaccine</i> , 2007, 25, 8190-8197. | 3.8 | 47 |
| 21 | Evaluation of novel fusion proteins derived from extracellular matrix binding domains of LigB as vaccine candidates against leptospirosis in a hamster model. <i>Vaccine</i> , 2011, 29, 7379-7386. | 3.8 | 45 |
| 22 | Lyme disease: Laboratory diagnosis of infected and vaccinated symptomatic dogs. <i>Topics in Companion Animal Medicine</i> , 1996, 11, 172-182. | 0.1 | 45 |
| 23 | Proteomic characterization of outer membrane vesicles from gut mucosa-derived fusobacterium nucleatum. <i>Journal of Proteomics</i> , 2019, 195, 125-137. | 2.4 | 44 |
| 24 | Biofilm Formation on Biotic and Abiotic Surfaces in the Presence of Antimicrobials by <i>Escherichia coli</i> Isolates from Cases of Bovine Mastitis. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6136-6145. | 3.1 | 43 |
| 25 | <i>Leptospira</i> immunoglobulin-like protein B (LigB) binding to the C-terminal fibrinogen I±C domain inhibits fibrin clot formation, platelet adhesion and aggregation. <i>Molecular Microbiology</i> , 2011, 79, 1063-1076. | 2.5 | 42 |
| 26 | The recombinant <i>Lactococcus lactis</i> oral vaccine induces protection against <i>C. difficile</i> spore challenge in a mouse model. <i>Vaccine</i> , 2015, 33, 1586-1595. | 3.8 | 42 |
| 27 | A Novel Pan-Genome Reverse Vaccinology Approach Employing a Negative-Selection Strategy for Screening Surface-Exposed Antigens against leptospirosis. <i>Frontiers in Microbiology</i> , 2017, 8, 396. | 3.5 | 42 |
| 28 | <i>Helicobacter felis</i> Infection Is Associated with Lymphoid Follicular Hyperplasia and Mild Gastritis but Normal Gastric Secretory Function in Cats. <i>Infection and Immunity</i> , 2000, 68, 779-790. | 2.2 | 39 |
| 29 | Gastric Function in Dogs with Naturally Acquired Gastric <i>Helicobacter</i> spp. <i>Infection. Journal of Veterinary Internal Medicine</i> , 1999, 13, 507-515. | 1.6 | 38 |
| 30 | A rational framework for evaluating the next generation of vaccines against <i>Mycobacterium avium</i> subspecies paratuberculosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 126. | 3.9 | 37 |
| 31 | Leptospirosis: An important infectious disease in North American horses. <i>Equine Veterinary Journal</i> , 2019, 51, 287-292. | 1.7 | 37 |
| 32 | bla _{NDM-5} carried by a hypervirulent <i>Klebsiella pneumoniae</i> with sequence type 29. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 140. | 4.1 | 36 |
| 33 | Experimental <i>Leptospira interrogans</i> Serovar Kennewicki Infection of Horses. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 912-917. | 1.6 | 34 |
| 34 | Detection of Human Granulocytic Ehrlichiosis Agent and <i>Borrelia burgdorferi</i> in Ticks by Polymerase Chain Reaction. <i>Journal of Veterinary Diagnostic Investigation</i> , 1998, 10, 56-59. | 1.1 | 33 |
| 35 | Long-term exposure to the fluoride blocks the development of chondrocytes in the ducks: The molecular mechanism of fluoride regulating autophagy and apoptosis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 217, 112225. | 6.0 | 33 |
| 36 | Environmental fluoride exposure disrupts the intestinal structure and gut microbial composition in ducks. <i>Chemosphere</i> , 2021, 277, 130222. | 8.2 | 33 |

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|----|---|-----|-----------|
| 37 | Fine Mapping of the Interaction between C4b-Binding Protein and Outer Membrane Proteins LigA and LigB of Pathogenic <i>Leptospira interrogans</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004192. | 3.0 | 33 |
| 38 | Vaccination against Lyme Disease with recombinant <i>Borrelia burgdorferi</i> outer-surface protein A (rOspA) in horses. <i>Vaccine</i> , 1999, 18, 540-548. | 3.8 | 30 |
| 39 | Efficacy of recombinant protein vaccines for protection against <i>Nocardia seriolae</i> infection in the largemouth bass <i>Micropterus salmoides</i> . <i>Fish and Shellfish Immunology</i> , 2018, 78, 35-41. | 3.6 | 29 |
| 40 | Evaluation of eight live attenuated vaccine candidates for protection against challenge with virulent <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> in mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 88. | 3.9 | 28 |
| 41 | Molecular Typing of Pathogenic <i>Leptospira</i> Serogroup <i>Icterohaemorrhagiae</i> Strains Circulating in China during the Past 50 Years. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003762. | 3.0 | 27 |
| 42 | Acute oral toxicity test and assessment of combined toxicity of cadmium and aflatoxin B1 in kunming mice. <i>Food and Chemical Toxicology</i> , 2019, 131, 110577. | 3.6 | 26 |
| 43 | <i>In vitro</i> susceptibilities of <i>Leptospira</i> spp. and <i>Borrelia burgdorferi</i> isolates to amoxicillin, tilmicosin, and enrofloxacin. <i>Journal of Veterinary Science</i> , 2006, 7, 355. | 1.3 | 24 |
| 44 | Comparative nutritional and chemical phenome of <i>Clostridium difficile</i> isolates determined using phenotype microarrays. <i>International Journal of Infectious Diseases</i> , 2014, 27, 20-25. | 3.3 | 24 |
| 45 | Genetic characteristics of pathogenic <i>Leptospira</i> in wild small animals and livestock in Jiangxi Province, China, 2002–2015. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007513. | 3.0 | 24 |
| 46 | Isolation and Characterization of the Novel Phage JD032 and Global Transcriptomic Response during JD032 Infection of <i>Clostridioides difficile</i> Ribotype 078. <i>MSystems</i> , 2020, 5, . | 3.8 | 24 |
| 47 | Serodiagnosis of Equine Leptospirosis by Enzyme-Linked Immunosorbent Assay Using Four Recombinant Protein Markers. <i>Vaccine Journal</i> , 2014, 21, 478-483. | 3.1 | 23 |
| 48 | <i>Leptospira</i> surface adhesin (Lsa21) induces Toll like receptor 2 and 4 mediated inflammatory responses in macrophages. <i>Scientific Reports</i> , 2016, 6, 39530. | 3.3 | 23 |
| 49 | Phosphorylated <i>Radix Cyathulae officinalis</i> Polysaccharides Act as Adjuvant via Promoting Dendritic Cell Maturation. <i>Molecules</i> , 2017, 22, 106. | 3.8 | 22 |
| 50 | Comparative genomic and phenomic analysis of <i>Clostridium difficile</i> and <i>Clostridium sordellii</i> , two related pathogens with differing host tissue preference. <i>BMC Genomics</i> , 2015, 16, 448. | 2.8 | 21 |
| 51 | Differential Sensitivity of <i>Mycobacteria</i> to Isoniazid Is Related to Differences in KatG-Mediated Enzymatic Activation of the Drug. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, . | 3.2 | 21 |
| 52 | Toxic effects of copper on the jejunum and colon of pigs: mechanisms related to gut barrier dysfunction and inflammation influenced by the gut microbiota. <i>Food and Function</i> , 2021, 12, 9642-9657. | 4.6 | 21 |
| 53 | Gut microbiota disturbance exaggerates battery wastewater-induced hepatotoxicity through a gut-liver axis. <i>Science of the Total Environment</i> , 2022, 809, 152188. | 8.0 | 21 |
| 54 | NMR Solution Structure of the Terminal Immunoglobulin-like Domain from the <i>Leptospira</i> Host-Interacting Outer Membrane Protein, LigB. <i>Biochemistry</i> , 2014, 53, 5249-5260. | 2.5 | 20 |

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|----|---|-----|-----------|
| 55 | Microbiome Analysis Reveals the Attenuation Effect of Lactobacillus From Yaks on Diarrhea via Modulation of Gut Microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 610781. | 3.9 | 20 |
| 56 | Recombinant Antigens rLipL21, rLoa22, rLipL32 and rLigACon4-8 for Serological Diagnosis of Leptospirosis by Enzyme-Linked Immunosorbent Assays in Dogs. <i>PLoS ONE</i> , 2014, 9, e111367. | 2.5 | 19 |
| 57 | Treatment of tibial dyschondroplasia with traditional Chinese medicines: â€œLesson and future directionsâ€• <i>Poultry Science</i> , 2020, 99, 6422-6433. | 3.4 | 19 |
| 58 | First report of two rapid-onset fatal infections caused by a newly emerging hypervirulent K. Pneumonia ST86 strain of serotype K2 in China. <i>Frontiers in Microbiology</i> , 2015, 6, 721. | 3.5 | 18 |
| 59 | Genomic Analysis of a New Serovar of <i>Leptospira weilii</i> Serogroup Manhao. <i>Frontiers in Microbiology</i> , 2017, 8, 149. | 3.5 | 18 |
| 60 | Epidemiological investigation reveals genetic diversity and high co-infection rate of canine bocavirus strains circulating in Heilongjiang province, Northeast China. <i>Research in Veterinary Science</i> , 2016, 106, 7-13. | 1.9 | 16 |
| 61 | A new model of self-resolving leptospirosis in mice infected with a strain of <i>Leptospira interrogans</i> serovar Autumnalis harboring LPS signaling only through TLR4. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-12. | 6.5 | 16 |
| 62 | The potential risks of herbicide butachlor to immunotoxicity via induction of autophagy and apoptosis in the spleen. <i>Chemosphere</i> , 2022, 286, 131683. | 8.2 | 16 |
| 63 | In vitro adherence and invasion of primary chicken oviduct epithelial cells by <i>Gallibacterium anatis</i> . <i>Veterinary Microbiology</i> , 2017, 203, 136-142. | 1.9 | 14 |
| 64 | Development and validation of a loop-mediated isothermal amplification assay for the detection of <i>Mycoplasma bovis</i> in mastitic milk. <i>Folia Microbiologica</i> , 2018, 63, 373-380. | 2.3 | 14 |
| 65 | Testing the Effect of Internal Genes Derived from a Wild-Bird-Origin H9N2 Influenza A Virus on the Pathogenicity of an A/H7N9 Virus. <i>Cell Reports</i> , 2015, 12, 1831-1841. | 6.4 | 13 |
| 66 | Rabies Virus Infection in Ferret Badgers (<i>Melogale moschata subaurantiaca</i>) in Taiwan: A Retrospective Study. <i>Journal of Wildlife Diseases</i> , 2015, 51, 923-928. | 0.8 | 13 |
| 67 | <i>Leptospira</i> Immunoglobulin-Like Protein B (LigB) Binds to Both the C-Terminal 23 Amino Acids of Fibrinogen Î±C Domain and Factor XIII: Insight into the Mechanism of LigB-Mediated Blockage of Fibrinogen Î± Chain Cross-Linking. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004974. | 3.0 | 13 |
| 68 | Distribution and factors associated with <i>Salmonella enterica</i> genotypes in a diverse population of humans and animals in Qatar using multi-locus sequence typing (MLST). <i>Journal of Infection and Public Health</i> , 2016, 9, 315-323. | 4.1 | 13 |
| 69 | Mutation of I176R in the E coding region weakens Japanese encephalitis virus neurovirulence, but not its growth rate in BHK-21 cells. <i>Archives of Virology</i> , 2018, 163, 1351-1355. | 2.1 | 13 |
| 70 | Molecular serotyping of <i>Haemophilus parasuis</i> isolated from diseased pigs and the relationship between serovars and pathological patterns in Taiwan. <i>PeerJ</i> , 2018, 6, e6017. | 2.0 | 13 |
| 71 | A parrotâ€™type <i>Chlamydia psittaci</i> strain is in association with egg production drop in laying ducks. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 2002-2010. | 3.0 | 13 |
| 72 | Increase in cases of dengue in China, 2004â€“2016: A retrospective observational study. <i>Travel Medicine and Infectious Disease</i> , 2020, 37, 101674. | 3.0 | 13 |

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|----|---|-----|-----------|
| 73 | Development of an Enzyme-Linked Immunosorbent Assay Using a Recombinant LigA Fragment Comprising Repeat Domains 4 to 7.5 as an Antigen for Diagnosis of Equine Leptospirosis. <i>Vaccine Journal</i> , 2013, 20, 1143-1149. | 3.1 | 12 |
| 74 | Evaluation of protective immune response against fowl typhoid in chickens vaccinated with the attenuated strain <i>Salmonella Gallinarum</i> 1701/01. <i>Research in Veterinary Science</i> , 2016, 107, 220-227. | 1.9 | 12 |
| 75 | Extended low-resolution structure of a <i>Leptospira</i> antigen offers high bactericidal antibody accessibility amenable to vaccine design. <i>ELife</i> , 2017, 6, . | 6.0 | 12 |
| 76 | Immunoprotective Efficacy of Six In vivo-Induced Antigens against <i>Actinobacillus pleuropneumoniae</i> as Potential Vaccine Candidates in Murine Model. <i>Frontiers in Microbiology</i> , 2016, 7, 1623. | 3.5 | 11 |
| 77 | Virulence potential of commensal multidrug resistant <i>Escherichia coli</i> isolated from poultry in Brazil. <i>Infection, Genetics and Evolution</i> , 2018, 65, 251-256. | 2.3 | 11 |
| 78 | Hsp40 Protein DNAJB6 Interacts with Viral NS3 and Inhibits the Replication of the Japanese Encephalitis Virus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5719. | 4.1 | 11 |
| 79 | Leptospirosis trends in China, 2007-2018: A retrospective observational study. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1119-1128. | 3.0 | 11 |
| 80 | The potential risks of chronic fluoride exposure on nephrotoxic via altering glucolipid metabolism and activating autophagy and apoptosis in ducks. <i>Toxicology</i> , 2021, 461, 152906. | 4.2 | 11 |
| 81 | Expression and secretion of outer surface protein (OSP-A) of <i>Borrelia burgdorferi</i> from <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 1993, 109, 297-301. | 1.8 | 10 |
| 82 | Basic Characterization of Natural Transformation in a Highly Transformable <i>Haemophilus parasuis</i> Strain SC1401. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 32. | 3.9 | 10 |
| 83 | Deletion of Polyamine Transport Protein PotD Exacerbates Virulence in <i>Glaesserella</i> (<i>Haemophilus</i>) <i>parasuis</i> in the Form of Non-biofilm-generated Bacteria in a Murine Acute Infection Model. <i>Virulence</i> , 2021, 12, 520-546. | 4.4 | 10 |
| 84 | A recombinase polymerase amplification-based assay for rapid detection of <i>Chlamydia psittaci</i> . <i>Poultry Science</i> , 2021, 100, 585-591. | 3.4 | 10 |
| 85 | Cloning and Expression Analysis of Two Cotton (<i>Gossypium Hirsutum</i> L.) Genes Encoding Cell Wall Proline-rich Proteins. <i>DNA Sequence</i> , 2001, 12, 367-380. | 0.7 | 9 |
| 86 | <i>Leptospira</i> Immunoglobulin-Like Protein B Interacts with the 20th Exon of Human Tropoelastin Contributing to Leptospiral Adhesion to Human Lung Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 163. | 3.9 | 9 |
| 87 | In vitro susceptibility of <i>Borrelia burgdorferi</i> isolates to three antibiotics commonly used for treating equine Lyme disease. <i>BMC Veterinary Research</i> , 2017, 13, 293. | 1.9 | 9 |
| 88 | Cloning and Sequence Analysis of LipL32, a Surface-Exposed Lipoprotein of Pathogenic <i>Leptospira</i> Spp. <i>Iranian Red Crescent Medical Journal</i> , 2013, 15, e8793. | 0.5 | 9 |
| 89 | Deciphering the Role of <i>Leptospira</i> Surface Protein LigA in Modulating the Host Innate Immune Response. <i>Frontiers in Immunology</i> , 2021, 12, 807775. | 4.8 | 9 |
| 90 | LEPTOSPIROSIS IN URBAN AND SUBURBAN AMERICAN BLACK BEARS (<i>URSUS AMERICANUS</i>) IN WESTERN NORTH CAROLINA, USA. <i>Journal of Wildlife Diseases</i> , 2019, 55, 74. | 0.8 | 8 |

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|-----|---|-----|-----------|
| 91 | Genetic diversity of <i>Leptospira interrogans</i> circulating isolates and vaccine strains in China from 1954–2014. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 381-387. | 3.3 | 8 |
| 92 | <i>Leptospira</i> : Invasion, Pathogenesis and Persistence. , 2012, , 143-172. | | 8 |
| 93 | A trivalent Apx-fusion protein delivered by <i>E. coli</i> outer membrane vesicles induce protection against <i>Actinobacillus pleuropneumoniae</i> of serotype 1 and 7 challenge in a murine model. <i>PLoS ONE</i> , 2018, 13, e0191286. | 2.5 | 8 |
| 94 | Comparative subproteome analysis of three representative <i>Leptospira interrogans</i> vaccine strains reveals cross-reactive antigens and novel virulence determinants. <i>Journal of Proteomics</i> , 2015, 112, 27-37. | 2.4 | 7 |
| 95 | Functional and structural investigations of fibronectin-binding protein Apa from <i>Mycobacterium tuberculosis</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1351-1359. | 2.4 | 7 |
| 96 | Polyamine Transport Protein PotD Protects Mice against <i>Haemophilus parasuis</i> and Elevates the Secretion of Pro-Inflammatory Cytokines of Macrophage via JNK–MAPK and NF–B Signal Pathways through TLR4. <i>Vaccines</i> , 2019, 7, 216. | 4.4 | 7 |
| 97 | The role of GtxA during <i>Gallibacterium anatis</i> infection of primary chicken oviduct epithelial cells. <i>Molecular and Cellular Probes</i> , 2020, 53, 101641. | 2.1 | 7 |
| 98 | gga-miR-200b-3p Promotes Macrophage Activation and Differentiation via Targeting Monocyte to Macrophage Differentiation-Associated in HD11 Cells. <i>Frontiers in Immunology</i> , 2020, 11, 563143. | 4.8 | 7 |
| 99 | Microbiome Analysis Reveals the Dynamic Alternations in Gut Microbiota of Diarrheal Giraffa camelopardalis. <i>Frontiers in Veterinary Science</i> , 2021, 8, 649372. | 2.2 | 7 |
| 100 | Selective Antifungal Activity and Fungal Biofilm Inhibition of Tryptophan Center Symmetrical Short Peptide. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8231. | 4.1 | 7 |
| 101 | Targeted Antimicrobial Agents as Potential Tools for Modulating the Gut Microbiome. <i>Frontiers in Microbiology</i> , 0, 13, . | 3.5 | 7 |
| 102 | Typing Discrepancy Between Phenotypic and Molecular Characterization Revealing an Emerging Biovar 9 Variant of Smooth Phage-Resistant <i>B. abortus</i> Strain 8416 in China. <i>Frontiers in Microbiology</i> , 2015, 6, 1375. | 3.5 | 6 |
| 103 | Effective Pro-Inflammatory Induced Activity of GALT, a Conserved Antigen in <i>A. Pleuropneumoniae</i> , Improves the Cytokines Secretion of Macrophage via p38, ERK1/2 and JNK MAPKs Signal Pathway. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 337. | 3.9 | 6 |
| 104 | Comparative screening of recombinant antigen thermostability for improved leptospirosis vaccine design. <i>Biotechnology and Bioengineering</i> , 2019, 116, 260-271. | 3.3 | 6 |
| 105 | Equine leptospirosis: Experimental challenge of <i>Leptospira interrogans</i> serovar Bratislava fails to establish infection in naïve horses. <i>Equine Veterinary Journal</i> , 2021, 53, 845-854. | 1.7 | 6 |
| 106 | Characterization of <i>Pasteurella multocida</i> isolated from ducks in China from 2017 to 2019. <i>Microbial Pathogenesis</i> , 2021, 160, 105196. | 2.9 | 6 |
| 107 | Construction of targeted and integrative promoter-reporter plasmids pDK-K and pDK-G to measure gene expression activity in <i>Haemophilus parasuis</i> . <i>Microbial Pathogenesis</i> , 2019, 134, 103565. | 2.9 | 5 |
| 108 | Biological characteristics and genetic evolutionary analysis of emerging pathogenic <i>Bacillus cereus</i> isolated from Père David's deer (<i>Elaphurus davidianus</i>). <i>Microbial Pathogenesis</i> , 2020, 143, 104133. | 2.9 | 5 |

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|-----|--|-----|-----------|
| 109 | A streptomycin resistance marker in <i>H.Âparasuis</i> based on site-directed mutations in <i>rpsL</i> gene to perform unmarked in-frame mutations and to verify natural transformation. PeerJ, 2018, 6, e4253. | 2.0 | 5 |
| 110 | The Perturbation of Tryptophan Fluorescence by Phenylalanine to Alanine Mutations Identifies the Hydrophobic Core in a Subset of Bacterial Ig-like Domains. Biochemistry, 2013, 52, 4589-4591. | 2.5 | 4 |
| 111 | Genomic Characterization Provides New Insights for Detailed Phage- Resistant Mechanism for <i>Brucella abortus</i> . Frontiers in Microbiology, 2019, 10, 917. | 3.5 | 4 |
| 112 | <i>Escherichia coli</i> isolated in pigs, Guangdong, China: Emergence of extreme drug resistance (XDR) bacteria. Journal of Infection, 2020, 81, 318-356. | 3.3 | 4 |
| 113 | Molecular and functional characterization of HtrA protein in <i>Actinobacillus pleuropneumoniae</i> . Veterinary Microbiology, 2021, 257, 109058. | 1.9 | 4 |
| 114 | Characterization of novel nuclease and protease activities among <i>Leptospiral</i> immunoglobulin-like proteins. Archives of Biochemistry and Biophysics, 2022, 727, 109349. | 3.0 | 4 |
| 115 | Sequence analysis of leukotoxin secretion determinants from a <i>Pasteurella haemolytica</i> -like organism. DNA Sequence, 1995, 5, 291-297. | 0.7 | 3 |
| 116 | Genetic variation of <i>Mycoplasma hyopneumoniae</i> from Brazilian field samples. BMC Microbiology, 2019, 19, 234. | 3.3 | 3 |
| 117 | Genetic diversity of porcine circovirus 3 strains and the first detection of two different PCV3 strains coinfecting the same host in Minas Gerais, Brazil. Archives of Virology, 2021, 166, 1463-1468. | 2.1 | 3 |
| 118 | Microbial Diagnostic Array Workstation (MDAW): a web server for diagnostic array data storage, sharing and analysis. Source Code for Biology and Medicine, 2008, 3, 14. | 1.7 | 2 |
| 119 | Differences in immune responses of pigs vaccinated with <i>Salmonella Typhimurium</i> and <i>S. Choleraesuis</i> strains and challenged with <i>S. Choleraesuis</i> . Comparative Immunology, Microbiology and Infectious Diseases, 2019, 65, 41-47. | 1.6 | 2 |
| 120 | Interaction of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> with bovine sperm. Theriogenology, 2021, 161, 228-236. | 2.1 | 2 |
| 121 | Scavenger receptor A1 participates in uptake of <i>Leptospira interrogans</i> serovar Autumnalis strain 56606v and inflammation in mouse macrophages. Emerging Microbes and Infections, 2021, 10, 939-953. | 6.5 | 2 |
| 122 | The Isolation and Sequence of Canine Interleukin-8 Receptor. DNA Sequence, 1999, 10, 183-187. | 0.7 | 1 |
| 123 | False-Positive <i>Clostridium difficile</i> in Negative-Control Reactions Peak and Then Decrease with Repetitive Refrigeration of Immunoassay. International Scholarly Research Notices, 2014, 2014, 1-3. | 0.9 | 1 |
| 124 | Cancer Immunology and Immunotherapy. BioMed Research International, 2015, 2015, 1-2. | 1.9 | 1 |
| 125 | Polymorphism analysis of the <i>apxIA</i> gene of <i>Actinobacillus pleuropneumoniae</i> serovar 5 isolated in swine herds from Brazil. PLoS ONE, 2018, 13, e0208789. | 2.5 | 1 |
| 126 | Evaluation of new leptospiral antigens for the diagnosis of equine leptospirosis: An approach using pan-genomic analysis, reverse vaccinology and antigenic selection. Equine Veterinary Journal, 2021, 53, 1025-1035. | 1.7 | 1 |

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|-----|--|-----|-----------|
| 127 | Mosquito-borne infectious diseases in China, 2019. <i>Travel Medicine and Infectious Disease</i> , 2021, 41, 102050. | 3.0 | 1 |
| 128 | The reproductive syndrome in equine leptospirosis. <i>Equine Veterinary Journal</i> , 2021, 53, 856-856. | 1.7 | 1 |
| 129 | Antibiotic resistance genes in <i>Bacillus cereus</i> isolated from wild Père David's deer (<i>Elaphurus</i>) Tj ETQq1 1 0.784314 ggBT /Overlock 10 | 3.3 | 1 |
| 130 | Identification of a locus involved in the utilization of iron by <i>Actinobacillus pleuropneumoniae</i> . <i>FEMS Microbiology Letters</i> , 1996, 143, 1-6. | 1.8 | 1 |
| 131 | The emergence of the novel avian influenza virus (H10N3) in China, 2020—a cause for concern?. <i>Journal of Infection</i> , 2022, 84, e16-e18. | 3.3 | 1 |
| 132 | <i>Mycobacterium avium</i> Subspecies <i>paratuberculosis</i> , 0, , 223-235. | | 0 |
| 133 | Galactose-1-phosphate uridylyltransferase (GalT), an in vivo-induced antigen of <i>Actinobacillus pleuropneumoniae</i> serovar 5b strain L20, provided immunoprotection against serovar 1 strain MS71. <i>PLoS ONE</i> , 2018, 13, e0198207. | 2.5 | 0 |
| 134 | A luminescence-based assay for evaluating bactericidal antibody to <i>Borrelia burgdorferi</i> in vaccinated horses' serum. <i>Equine Veterinary Journal</i> , 2019, 51, 669-673. | 1.7 | 0 |