

Zhengchun Lu

List of Publications by Year in descending order

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16
papers

445
citations

933447

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940533

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docs citations

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times ranked

887
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishment of Monoclonal Antibody Standards for Quantitative Serological Diagnosis of SARS-CoV-2 in Low-Incidence Settings. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab061.	0.9	8
2	Neutralization of SARS-CoV-2 variants by convalescent and BNT162b2 vaccinated serum. <i>Nature Communications</i> , 2021, 12, 5135.	12.8	107
3	Conserved Surface Residues on the Feline Calicivirus Capsid Are Essential for Interaction with Its Receptor Feline Junctional Adhesion Molecule A (fJAM-A). <i>Journal of Virology</i> , 2018, 92, .	3.4	12
4	Sequence analysis of feline immunoglobulin mRNAs and the development of a felinized monoclonal antibody specific to feline panleukopenia virus. <i>Scientific Reports</i> , 2017, 7, 12713.	3.3	2
5	Conserved arginine residues in the carboxyl terminus of the equine arteritis virus E protein may play a role in heparin binding but may not affect viral infectivity in equine endothelial cells. <i>Archives of Virology</i> , 2016, 161, 873-886.	2.1	6
6	Development and Characterization of an Infectious cDNA Clone of the Modified Live Virus Vaccine Strain of Equine Arteritis Virus. <i>Vaccine Journal</i> , 2012, 19, 1312-1321.	3.1	12
7	Chimeric viruses containing the N-terminal ectodomains of GP5 and M proteins of porcine reproductive and respiratory syndrome virus do not change the cellular tropism of equine arteritis virus. <i>Virology</i> , 2012, 432, 99-109.	2.4	17
8	Development of one-step TaqMan [®] real-time reverse transcription-PCR and conventional reverse transcription-PCR assays for the detection of equine rhinitis A and B viruses. <i>BMC Veterinary Research</i> , 2012, 8, 120.	1.9	5
9	New Real-Time PCR Assay Using Allelic Discrimination for Detection and Differentiation of Equine Herpesvirus-1 Strains with A ₂₂₅₄ and G ₂₂₅₄ Polymorphisms. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1981-1988.	3.9	32
10	Response of Stallions to Primary Immunization with a Modified Live Equine Viral Arteritis Vaccine. <i>Journal of Equine Veterinary Science</i> , 2011, 31, 129-138.	0.9	8
11	Evaluation of Two Magnetic-Bead-Based Viral Nucleic Acid Purification Kits and Three Real-Time Reverse Transcription-PCR Reagent Systems in Two TaqMan Assays for Equine Arteritis Virus Detection in Semen. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3694-3696.	3.9	19
12	Molecular epidemiology and genetic characterization of equine arteritis virus isolates associated with the 2006-2007 multi-state disease occurrence in the USA. <i>Journal of General Virology</i> , 2010, 91, 2286-2301.	2.9	35
13	Diagnostic Application of H3N8-Specific Equine Influenza Real-Time Reverse Transcription Polymerase Chain Reaction Assays for the Detection of Canine Influenza Virus in Clinical Specimens. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010, 22, 942-945.	1.1	13
14	Development and Evaluation of One-Step TaqMan Real-Time Reverse Transcription-PCR Assays Targeting Nucleoprotein, Matrix, and Hemagglutinin Genes of Equine Influenza Virus. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3907-3913.	3.9	39
15	Comparison of two real-time reverse transcription polymerase chain reaction assays for the detection of <i>Equine arteritis virus</i> nucleic acid in equine semen and tissue culture fluid. <i>Journal of Veterinary Diagnostic Investigation</i> , 2008, 20, 147-155.	1.1	31
16	Formation of the Arterivirus Replication/Transcription Complex: a Key Role for Nonstructural Protein 3 in the Remodeling of Intracellular Membranes. <i>Journal of Virology</i> , 2008, 82, 4480-4491.	3.4	67