Zhengchun Lu

List of Publications by Year
in descending order

16	445	933447 10	940533 16
papers	citations	h-index	g-index

20	20	20	887
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neutralization of SARS-CoV-2 variants by convalescent and BNT162b2 vaccinated serum. Nature Communications, 2021, 12, 5135.	12.8	107
2	Formation of the Arterivirus Replication/Transcription Complex: a Key Role for Nonstructural Protein 3 in the Remodeling of Intracellular Membranes. Journal of Virology, 2008, 82, 4480-4491.	3.4	67
3	Development and Evaluation of One-Step TaqMan Real-Time Reverse Transcription-PCR Assays Targeting Nucleoprotein, Matrix, and Hemagglutinin Genes of Equine Influenza Virus. Journal of Clinical Microbiology, 2009, 47, 3907-3913.	3.9	39
4	Molecular epidemiology and genetic characterization of equine arteritis virus isolates associated with the 2006-2007 multi-state disease occurrence in the USA. Journal of General Virology, 2010, 91, 2286-2301.	2.9	35
5	New Real-Time PCR Assay Using Allelic Discrimination for Detection and Differentiation of Equine Herpesvirus-1 Strains with A ₂₂₅₄ and G ₂₂₅₄ Polymorphisms. Journal of Clinical Microbiology, 2012, 50, 1981-1988.	3.9	32
6	Comparison of two real-time reverse transcription polymerase chain reaction assays for the detection of Equine arteritis virus nucleic acid in equine semen and tissue culture fluid. Journal of Veterinary Diagnostic Investigation, 2008, 20, 147-155.	1.1	31
7	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. Journal of Clinical Microbiology, 2011, 49, 3694-3696.	3.9	19
8	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. Virology, 2012, 432, 99-109.	2.4	17
9	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. Journal of Veterinary Diagnostic Investigation, 2010, 22, 942-945.	1.1	13
10	Development and Characterization of an Infectious cDNA Clone of the Modified Live Virus Vaccine Strain of Equine Arteritis Virus. Vaccine Journal, 2012, 19, 1312-1321.	3.1	12
11	Conserved Surface Residues on the Feline Calicivirus Capsid Are Essential for Interaction with Its Receptor Feline Junctional Adhesion Molecule A (fJAM-A). Journal of Virology, 2018, 92, .	3.4	12
12	Response of Stallions to Primary Immunization with a Modified Live Equine Viral Arteritis Vaccine. Journal of Equine Veterinary Science, 2011, 31, 129-138.	0.9	8
13	Establishment of Monoclonal Antibody Standards for Quantitative Serological Diagnosis of SARS-CoV-2 in Low-Incidence Settings. Open Forum Infectious Diseases, 2021, 8, ofab061.	0.9	8
14	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. Archives of Virology, 2016, 161, 873-886.	2.1	6
15	Development of one-step TaqManÂ® real-time reverse transcription-PCR and conventional reverse transcription-PCR assays for the detection of equine rhinitis A and B viruses. BMC Veterinary Research, 2012, 8, 120.	1.9	5
16	Sequence analysis of feline immunoglobulin mRNAs and the development of a felinized monoclonal antibody specific to feline panleukopenia virus. Scientific Reports, 2017, 7, 12713.	3.3	2