

Keun Bon Ku

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,061
citations

567281

15
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

4007
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Detection of COVID-19 Causative Virus (SARS-CoV-2) in Human Nasopharyngeal Swab Specimens Using Field-Effect Transistor-Based Biosensor. <i>ACS Nano</i> , 2020, 14, 5135-5142.	14.6	1,394
2	Development of a SARS-CoV-2-specific biosensor for antigen detection using scFv-Fc fusion proteins. <i>Biosensors and Bioelectronics</i> , 2021, 175, 112868.	10.1	98
3	Identification and evaluation of potent Middle East respiratory syndrome coronavirus (MERS-CoV) 3CL Pro inhibitors. <i>Antiviral Research</i> , 2017, 141, 101-106.	4.1	77
4	Highly Pathogenic Avian Influenza A(H5N8) Virus from Waterfowl, South Korea, 2014. <i>Emerging Infectious Diseases</i> , 2014, 20, 1587-1588.	4.3	50
5	Comparison of Digital PCR and Quantitative PCR with Various SARS-CoV-2 Primer-Probe Sets. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 358-367.	2.1	41
6	The severe pathogenicity of alveolar macrophage-depleted ferrets infected with 2009 pandemic H1N1 influenza virus. <i>Virology</i> , 2013, 444, 394-403.	2.4	37
7	Evaluation and Clinical Validation of Two Field-Deployable Reverse Transcription-Insulated Isothermal PCR Assays for the Detection of the Middle East Respiratory Syndrome Coronavirus. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 817-827.	2.8	35
8	Transmissibility of novel H7N9 and H9N2 avian influenza viruses between chickens and ferrets. <i>Virology</i> , 2014, 450-451, 316-323.	2.4	33
9	A Pan-Dengue Virus Reverse Transcription-Insulated Isothermal PCR Assay Intended for Point-of-Need Diagnosis of Dengue Virus Infection by Use of the POKKIT Nucleic Acid Analyzer. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1528-1535.	3.9	32
10	Red Ginseng-containing diet helps to protect mice and ferrets from the lethal infection by highly pathogenic H5N1 influenza virus. <i>Journal of Ginseng Research</i> , 2014, 38, 40-46.	5.7	30
11	<i>Vibrio vulnificus</i> quorum-sensing molecule cyclo(Phe-Pro) inhibits RIG-I-mediated antiviral innate immunity. <i>Nature Communications</i> , 2018, 9, 1606.	12.8	30
12	Protection of pregnant mice, fetuses and neonates from lethality of H5N1 influenza viruses by maternal vaccination. <i>Vaccine</i> , 2010, 28, 2957-2964.	3.8	26
13	Severe pathogenesis of influenza B virus in pregnant mice. <i>Virology</i> , 2014, 448, 74-81.	2.4	21
14	H3N2 canine influenza virus causes severe morbidity in dogs with induction of genes related to inflammation and apoptosis. <i>Veterinary Research</i> , 2013, 44, 92.	3.0	18
15	Repurposing Screens of FDA-Approved Drugs Identify 29 Inhibitors of SARS-CoV-2. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1843-1853.	2.1	17
16	Progress and Challenges in the Development of COVID-19 Vaccines and Current Understanding of SARS-CoV-2-Specific Immune Responses. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1109-1115.	2.1	12
17	Comparison of anti-influenza virus activity and pharmacokinetics of oseltamivir free base and oseltamivir phosphate. <i>Journal of Microbiology</i> , 2017, 55, 979-983.	2.8	11
18	Receptor-binding domain of SARS-CoV-2 spike protein efficiently inhibits SARS-CoV-2 infection and attachment to mouse lung. <i>International Journal of Biological Sciences</i> , 2021, 17, 3786-3794.	6.4	9

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19	H7N9 Influenza Virus Is More Virulent in Ferrets than 2009 Pandemic H1N1 Influenza Virus. <i>Viral Immunology</i> , 2015, 28, 590-599.	1.3	8
20	A Novel Frameshifting Inhibitor Having Antiviral Activity against Zoonotic Coronaviruses. <i>Viruses</i> , 2021, 13, 1639.	3.3	7
21	Phylogenic analysis of reassorted avian influenza viruses isolated from Korean domestic ducks from 2005 to 2007. <i>Virus Genes</i> , 2009, 38, 80-84.	1.6	6
22	Low infectivity of a novel avian-origin H7N9 influenza virus in pigs. <i>Archives of Virology</i> , 2014, 159, 2745-2749.	2.1	6
23	A Half-Day Genome Sequencing Protocol for Middle East Respiratory Syndrome Coronavirus. <i>Frontiers in Microbiology</i> , 2021, 12, 602754.	3.5	4
24	A Crucial Role of ACBD3 Required for Coxsackievirus Infection in Animal Model Developed by AAV-Mediated CRISPR Genome Editing Technique. <i>Viruses</i> , 2021, 13, 237.	3.3	2
25	Efficient Human Cell Coexpression System and Its Application to the Production of Multiple Coronavirus Antigens. <i>Advanced Biology</i> , 2021, 5, 2000154.	2.5	1