Yun Hee Baek

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6440769/publications.pdf

Version: 2024-02-01

31	1,153	623734	414414
papers	citations	14 h-index	32 g-index

33	33	33	2087
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of a reverse transcription-loop-mediated isothermal amplification as a rapid early-detection method for novel SARS-CoV-2. Emerging Microbes and Infections, 2020, 9, 998-1007.	6.5	267
2	The Polymerase Acidic Protein Gene of Influenza A Virus Contributes to Pathogenicity in a Mouse Model. Journal of Virology, 2009, 83, 12325-12335.	3.4	149
3	Rapid and simple colorimetric detection of multiple influenza viruses infecting humans using a reverse transcriptional loop-mediated isothermal amplification (RT-LAMP) diagnostic platform. BMC Infectious Diseases, 2019, 19, 676.	2.9	144
4	One-Pot Reverse Transcriptional Loop-Mediated Isothermal Amplification (RT-LAMP) for Detecting MERS-CoV. Frontiers in Microbiology, 2016, 7, 2166.	3.5	99
5	Prevalence and genetic characterization of respiratory syncytial virus (RSV) in hospitalized children in Korea. Archives of Virology, 2012, 157, 1039-1050.	2.1	76
6	Profiling and Characterization of Influenza Virus N1 Strains Potentially Resistant to Multiple Neuraminidase Inhibitors. Journal of Virology, 2015, 89, 287-299.	3.4	54
7	The Emergence and Decennary Distribution of Clade 2.3.4.4 HPAI H5Nx. Microorganisms, 2019, 7, 156.	3.6	46
8	Screening for Neuraminidase Inhibitor Resistance Markers among Avian Influenza Viruses of the N4, N5, N6, and N8 Neuraminidase Subtypes. Journal of Virology, 2018, 92, .	3.4	42
9	Mucosal immunity induced by adenovirus-based H5N1 HPAI vaccine confers protection against a lethal H5N2 avian influenza virus challenge. Virology, 2009, 395, 182-189.	2.4	37
10	Comparison of the pathogenic potential of highly pathogenic avian influenza (HPAI) H5N6, and H5N8 viruses isolated in South Korea during the 2016â€“2017 winter season. Emerging Microbes and Infections, 2018, 7, 1-10.	6.5	32
11	Molecular Signatures of Inflammatory Profile and B-Cell Function in Patients with Severe Fever with Thrombocytopenia Syndrome. MBio, 2021, 12, .	4.1	25
12	Simple, Rapid and Sensitive Portable Molecular Diagnosis of SFTS Virus Using Reverse Transcriptional Loop-Mediated Isothermal Amplification (RT-LAMP). Journal of Microbiology and Biotechnology, 2018, 28, 1928-1936.	2.1	25
13	Establishment of Vero cell RNA polymerase I-driven reverse genetics for Influenza A virus and its application for pandemic (H1N1) 2009 influenza virus vaccine production. Journal of General Virology, 2013, 94, 1230-1235.	2.9	20
14	Development of a dual-protective live attenuated vaccine against H5N1 and H9N2 avian influenza viruses by modifying the NS1 gene. Archives of Virology, 2015, 160, 1729-1740.	2.1	16
15	Molecular characterization of mammalian-adapted Korean-type avian H9N2 virus and evaluation of its virulence in mice. Journal of Microbiology, 2015, 53, 570-577.	2.8	15
16	Surveillance and characterization of low pathogenic H5 avian influenza viruses isolated from wild migratory birds in Korea. Virus Research, 2010, 150, 119-128.	2.2	14
17	Rapid acquisition of polymorphic virulence markers during adaptation of highly pathogenic avian influenza H5N8 virus in the mouse. Scientific Reports, 2017, 7, 40667.	3.3	13
18	Molecular characterization and phylogenetic analysis of H3N2 human influenza A viruses in Cheongju, South Korea. Journal of Microbiology, 2009, 47, 91-100.	2.8	12

#	Article	IF	Citations
19	An I436N substitution confers resistance of influenza A(H1N1)pdm09 viruses to multiple neuraminidase inhibitors without affecting viral fitness. Journal of General Virology, 2018, 99, 292-302.	2.9	11
20	Zika virus lateral flow assays using reverse transcription-loop-mediated isothermal amplification. RSC Advances, 2021, 11, 17800-17808.	3.6	8
21	Preclinical evaluation of the efficacy of an H5N8 vaccine candidate (IDCDC-RG43A) in mouse and ferret models for pandemic preparedness. Vaccine, 2019, 37, 484-493.	3.8	7
22	In Vitro and In Vivo Characterization of Novel Neuraminidase Substitutions in Influenza A(H1N1)pdm09 Virus Identified Using Laninamivir-Mediated In Vitro Selection. Journal of Virology, 2019, 93, .	3.4	6
23	Peptide Nucleic Acid (PNA)-Enhanced Specificity of a Dual-Target Real-Time Quantitative Polymerase Chain Reaction (RT-qPCR) Assay for the Detection and Differentiation of SARS-CoV-2 from Related Viruses. Diagnostics, 2020, 10, 775.	2.6	6
24	The significance of avian influenza virus mouse-adaptation and its application in characterizing the efficacy of new vaccines and therapeutic agents. Clinical and Experimental Vaccine Research, 2017, 6, 83.	2.2	5
25	Evaluation of the efficacy of a pre-pandemic H5N1 vaccine (MG1109) in mouse and ferret models. Journal of Microbiology, 2012, 50, 478-488.	2.8	4
26	Growth and Pathogenic Potential of Naturally Selected Reassortants after Coinfection with Pandemic H1N1 and Highly Pathogenic Avian Influenza H5N1 Viruses. Journal of Virology, 2016, 90, 616-623.	3.4	4
27	Development of a rapid, simple and efficient one-pot cloning method for a reverse genetics system of broad subtypes of influenza A virus. Scientific Reports, 2019, 9, 8318.	3.3	4
28	In Vitro Profiling of Laninamivir-Resistant Substitutions in N3 to N9 Avian Influenza Virus Neuraminidase Subtypes and Their Association with In Vivo Susceptibility. Journal of Virology, 2020, 95, .	3.4	3
29	Development of a Rapid Fluorescent Diagnostic System to Detect Subtype H9 Influenza A Virus in Chicken Feces. International Journal of Molecular Sciences, 2021, 22, 8823.	4.1	3
30	Genetic Characteristics and Phylogenetic Analysis of Influenza Type B Viruses Isolated from Nasopharyngeal Suction Samples of Korean Patients. Journal of Bacteriology and Virology, 2009, 39, 125.	0.1	2
31	Multiple HA substitutions in highly pathogenic avian influenza H5Nx viruses contributed to the change in the NA subtype preference. Virulence, 2022, 13, 990-1004.	4.4	1