

Jae-Hwan Nam

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

679
citations

759233

12
h-index

677142

22
g-index

54
all docs

54
docs citations

54
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity-induced chronic inflammation is associated with the reduced efficacy of influenza vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 1181-1186.	3.3	87
2	Heterologous prime-boost vaccination with adenoviral vector and protein nanoparticles induces both Th1 and Th2 responses against Middle East respiratory syndrome coronavirus. <i>Vaccine</i> , 2018, 36, 3468-3476.	3.8	86
3	Insight into the relationship between obesity-induced low-level chronic inflammation and COVID-19 infection. <i>International Journal of Obesity</i> , 2020, 44, 1541-1542.	3.4	53
4	The effect of lipopolysaccharide-induced obesity and its chronic inflammation on influenza virus-related pathology. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 924-930.	4.0	43
5	Influenza vaccines: Past, present, and future. <i>Reviews in Medical Virology</i> , 2022, 32, e2243.	8.3	36
6	Immunization with RBD-P2 and N protects against SARS-CoV-2 in nonhuman primates. <i>Science Advances</i> , 2021, 7, .	10.3	28
7	Human adenovirus Ad36 and its E4orf1 gene enhance cellular glucose uptake even in the presence of inflammatory cytokines. <i>Biochimie</i> , 2016, 124, 3-10.	2.6	23
8	Cricket paralysis virus internal ribosome entry site-derived RNA promotes conventional vaccine efficacy by enhancing a balanced Th1/Th2 response. <i>Vaccine</i> , 2019, 37, 5191-5202.	3.8	17
9	Prophylactic and therapeutic vaccines for obesity. <i>Clinical and Experimental Vaccine Research</i> , 2014, 3, 37.	2.2	15
10	Inactivated influenza vaccine formulated with single-stranded RNA-based adjuvant confers mucosal immunity and cross-protection against influenza virus infection. <i>Vaccine</i> , 2020, 38, 6141-6152.	3.8	15
11	Development of an RNA Expression Platform Controlled by Viral Internal Ribosome Entry Sites. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 127-140.	2.1	15
12	Adenovirus 36 Attenuates Weight Loss from Exercise but Improves Glycemic Control by Increasing Mitochondrial Activity in the Liver. <i>PLoS ONE</i> , 2014, 9, e114534.	2.5	14
13	Coxsackievirus B3 regulates T-cell infiltration into the heart by lymphocyte function-associated antigen-1 activation via the cAMP/Rap1 axis. <i>Journal of General Virology</i> , 2014, 95, 2010-2018.	2.9	14
14	Infectobesity: a New Area for Microbiological and Virological Research. <i>Journal of Bacteriology and Virology</i> , 2011, 41, 65.	0.1	13
15	What we know and what we need to know about adenovirus 36-induced obesity. <i>International Journal of Obesity</i> , 2020, 44, 1197-1209.	3.4	13
16	Rapamycin: could it enhance vaccine efficacy?. <i>Expert Review of Vaccines</i> , 2009, 8, 1535-1539.	4.4	12
17	<i>Apios americana</i> Medik Extract Alleviates Lung Inflammation in Influenza Virus H1N1- and Endotoxin-Induced Acute Lung Injury. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 2146-2152.	2.1	11
18	Cardiovascular Screening in Asymptomatic Adolescents with Metabolic Syndrome. <i>Journal of Cardiovascular Imaging</i> , 2015, 23, 10.	0.8	10

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19	Macrophage-derived insulin-like growth factor-1 affects influenza vaccine efficacy through the regulation of immune cell homeostasis. <i>Vaccine</i> , 2017, 35, 4687-4694.	3.8	10
20	Diagnosis of Viral Infection Using Real-time Polymerase Chain Reaction. <i>Journal of Bacteriology and Virology</i> , 2018, 48, 1.	0.1	10
21	MERS-CoV Spike Protein Vaccine and Inactivated Influenza Vaccine Formulated with Single Strand RNA Adjuvant Induce T-Cell Activation through Intranasal Immunization in Mice. <i>Pharmaceutics</i> , 2020, 12, 441.	4.5	10
22	Peptides Derived From S and N Proteins of Severe Acute Respiratory Syndrome Coronavirus 2 Induce T Cell Responses: A Proof of Concept for T Cell Vaccines. <i>Frontiers in Microbiology</i> , 2021, 12, 732450.	3.5	10
23	Development of a diagnostic system for detection of specific antibodies and antigens against Middle East respiratory syndrome coronavirus. <i>Microbiology and Immunology</i> , 2018, 62, 574-584.	1.4	9
24	Comprehensive Analysis of the Safety Profile of a Single-Stranded RNA Nano-Structure Adjuvant. <i>Pharmaceutics</i> , 2019, 11, 464.	4.5	9
25	Nanoformulated Single-Stranded RNA-Based Adjuvant with a Coordinative Amphiphile as an Effective Stabilizer: Inducing Humoral Immune Response by Activation of Antigen-Presenting Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11540-11549.	13.8	9
26	Effective inactivated influenza vaccine for the elderly using a single-stranded RNA-based adjuvant. <i>Scientific Reports</i> , 2021, 11, 11981.	3.3	9
27	Sublingual immunization with Japanese encephalitis virus vaccine effectively induces immunity through both cellular and humoral immune responses in mice. <i>Microbiology and Immunology</i> , 2016, 60, 846-853.	1.4	8
28	Evaluation of glycoprotein E subunit and live attenuated varicella-zoster virus vaccines formulated with a single-strand RNA-based adjuvant. <i>Immunity, Inflammation and Disease</i> , 2020, 8, 216-227.	2.7	8
29	Neutralizing Antibodies to Severe Fever With Thrombocytopenia Syndrome Virus Among Survivors, Non-Survivors and Healthy Residents in South Korea. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 649570.	3.9	8
30	Development and validation of multiplex real-time PCR assays for rapid detection of cytomegalovirus, Epstein-Barr virus, and polyomavirus BK in whole blood from transplant candidates. <i>Journal of Microbiology</i> , 2018, 56, 593-599.	2.8	7
31	Associations of matrix metalloproteinase (MMP)-8, MMP-9, and their inhibitor, tissue inhibitor of metalloproteinase-1, with obesity-related biomarkers in apparently healthy adolescent boys. <i>Korean Journal of Pediatrics</i> , 2014, 57, 526.	1.9	7
32	Tracking Study About Adenovirus 36 Infection: Increase of Adiposity. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 2169-2172.	2.1	7
33	Seroepidemiological Characteristics of Haemorrhagic Fever with Renal Syndrome from 1996 to 2005 in Korea. <i>Journal of Bacteriology and Virology</i> , 2006, 36, 263.	0.1	6
34	Regulation of Innate Immunity via MHC Class II-mediated Signaling; Non-classical Role of MHC Class II in Innate Immunity. <i>Journal of Bacteriology and Virology</i> , 2011, 41, 205.	0.1	5
35	Therapeutic Effect of Exogenous Truncated IK Protein in Inflammatory Arthritis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1976.	4.1	5
36	Built-in RNA-mediated chaperone (chaperna) for antigen folding tailored to immunized hosts. <i>Biotechnology and Bioengineering</i> , 2020, 117, 1990-2007.	3.3	5

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37	Development of a Gene Therapy Method for Cervical Cancer Using Attenuated Coxsackievirus B3 as a Vector System. <i>Journal of Bacteriology and Virology</i> , 2011, 41, 123.	0.1	4
38	IK acts as an immunoregulator of inflammatory arthritis by suppressing TH17 cell differentiation and macrophage activation. <i>Scientific Reports</i> , 2017, 7, 40280.	3.3	4
39	Novel Role of Invariant Natural Killer T-cell in Glycemic Control: Regulation by human Adenovirus 36. <i>Journal of Bacteriology and Virology</i> , 2013, 43, 229.	0.1	3
40	The Characteristics of RNA Vaccine; its Strengths and Weaknesses. <i>Journal of Bacteriology and Virology</i> , 2016, 46, 115.	0.1	3
41	Evaluation of EZplex MTBC/NTM Real-Time PCR kit: diagnostic accuracy and efficacy in vaccination. <i>Clinical and Experimental Vaccine Research</i> , 2018, 7, 111.	2.2	3
42	Next-generation sequencing for typing human papillomaviruses and predicting multi-infections and their clinical symptoms. <i>Microbiology and Immunology</i> , 2021, 65, 273-278.	1.4	3
43	Covalent conjugates of granulins-epithelial precursor-siRNA with arginine-rich peptide for improved stability and intracellular delivery in hepatoma cells. <i>Molecular and Cellular Toxicology</i> , 2019, 15, 245-254.	1.7	2
44	Evaluation of Multiplex Polymerase Chain Reaction Assay for the Simultaneous Detection of Sexually Transmitted Infections Using Swab Specimen. <i>Journal of Bacteriology and Virology</i> , 2020, 50, 44.	0.1	2
45	Host Gene Profiling of Coxsackievirus B3 H3- and 10A1-infected Mouse Heart. <i>Journal of Bacteriology and Virology</i> , 2006, 36, 89.	0.1	1
46	Neutralizing Antibody Induction and Cytotoxic T Lymphocyte Response to Nakayama-NIH and Beijing-1 as Japanese Encephalitis Virus Vaccine Strains. <i>Journal of Bacteriology and Virology</i> , 2007, 37, 161.	0.1	1
47	Regulation of Obesity and Non-alcoholic Fatty Liver Diseases by Modulation of the Gut Microbiota Through Inflammasome; its Mechanism and Potential for Clinical Use. <i>Journal of Bacteriology and Virology</i> , 2012, 42, 359.	0.1	1
48	Is Obesity One of Physiological Factors which Exert Influenza Virus-induced Pathology and Vaccine Efficacy?. <i>Journal of Bacteriology and Virology</i> , 2014, 44, 226.	0.1	1
49	Human Rhinoviruses: the Forgotten but Still Important Viruses. <i>Journal of Bacteriology and Virology</i> , 2017, 47, 111.	0.1	1
50	Effect of apoptosis-associated speck-like protein containing a caspase recruitment domain on vaccine efficacy: Overcoming the effects of its deficiency with aluminum hydroxide adjuvant. <i>Microbiology and Immunology</i> , 2018, 62, 176-186.	1.4	1
51	Recombinant Adeno-Associated Virus Expressing Truncated IK Cytokine Diminishes the Symptoms of Inflammatory Arthritis. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1892-1895.	2.1	1
52	Lessons Learned from SARS-CoV and MERS-CoV: Preparation for SARS-CoV-2 induced COVID-19. <i>Journal of Bacteriology and Virology</i> , 2020, 50, 76-96.	0.1	1
53	Influence of the Host Factors on Human Papillomavirus Infection and Vaccine Efficacy. <i>Journal of Bacteriology and Virology</i> , 2015, 45, 179.	0.1	0
54	The Yesterday, Today, and Tomorrow of Pathogen-induced Obesity. <i>The Korean Journal of Obesity</i> , 2013, 22, 187.	0.2	0