

Nam-Hyuk Cho

List of Publications by Year in descending order

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89

papers

3,637

citations

126901

33

h-index

144002

57

g-index

91

all docs

91

docs citations

91

times ranked

5138

citing authors

#	ARTICLE	IF	CITATIONS
1	Longevity of seropositivity and neutralizing antibodies in recovered MERS patients: a 5-year follow-up study. <i>Clinical Microbiology and Infection</i> , 2022, 28, 292-296.	6.0	8
2	Eosinophil-mediated lung inflammation associated with elevated natural killer T cell response in COVID-19 patients. <i>Korean Journal of Internal Medicine</i> , 2022, 37, 201-209.	1.7	6
3	Rapid, multiplexed, and nucleic acid amplification-free detection of SARS-CoV-2 RNA using an electrochemical biosensor. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113649.	10.1	45
4	Kinetics of Neutralizing Antibody Responses Against SARS-CoV-2 Delta Variant in Patients Infected at the Beginning of the Pandemic. <i>Journal of Korean Medical Science</i> , 2022, 37, e67.	2.5	3
5	Protective and pathogenic role of humoral responses in COVID-19. <i>Journal of Microbiology</i> , 2022, 60, 268-275.	2.8	4
6	Longitudinal Analysis of Memory T-Cell Responses in Survivors of Middle East Respiratory Syndrome. <i>Clinical Infectious Diseases</i> , 2022, 75, 596-603.	5.8	5
7	Sustained Responses of Neutralizing Antibodies Against Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Recovered Patients and Their Therapeutic Applicability. <i>Clinical Infectious Diseases</i> , 2021, 73, e550-e558.	5.8	14
8	Kaposi's sarcoma-associated herpesvirus latency-associated nuclear antigen dysregulates expression of MCL-1 by targeting FBW7. <i>PLoS Pathogens</i> , 2021, 17, e1009179.	4.7	11
9	The <i>Orientia tsutsugamushi</i> ScaB Autotransporter Protein Is Required for Adhesion and Invasion of Mammalian Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 626298.	3.5	8
10	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
11	Zinc Oxide Nanospicules on Polylactic Acid for Superhydrophilic and Bactericidal Surfaces. <i>Advanced Functional Materials</i> , 2021, 31, 2100844.	14.9	11
12	A Hepatitis B Virus-Derived Peptide Can Inhibit Infection of Human Lung Cells with SARS-CoV-2 in a Type-1 Interferon-Dependent Manner. <i>Viruses</i> , 2021, 13, 1227.	3.3	3
13	Differential Association of Viral Dynamics With Disease Severity Depending on Patients' Age Group in COVID-19. <i>Frontiers in Microbiology</i> , 2021, 12, 712260.	3.5	13
14	Enhanced eosinophil-mediated inflammation associated with antibody and complement-dependent pneumonic insults in critical COVID-19. <i>Cell Reports</i> , 2021, 37, 109798.	6.4	28
15	Survey of severe fever with thrombocytopenia syndrome virus in wild boar in the Republic of Korea. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101813.	2.7	6
16	Non-invasive in vivo imaging of caspase-1 activation enables rapid and spatiotemporal detection of acute and chronic inflammatory disorders. <i>Biomaterials</i> , 2020, 226, 119543.	11.4	20
17	Genotypic Heterogeneity of <i>Orientia tsutsugamushi</i> in Scrub Typhus Patients and Thrombocytopenia Syndrome Co-infection, Myanmar. <i>Emerging Infectious Diseases</i> , 2020, 26, 1878-1881.	4.3	61
18	Vaccination with Single Plasmid DNA Encoding IL-12 and Antigens of Severe Fever with Thrombocytopenia Syndrome Virus Elicits Complete Protection in IFNAR Knockout Mice. <i>Proceedings (mdpi)</i> , 2020, 50, 104.	0.2	0

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19	Cross-Protection against MERS-CoV by Prime-Boost Vaccination Using Viral Spike DNA and Protein. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
20	Molecular and Serological Investigation of Severe Fever with Thrombocytopenia Syndrome Virus in Cats. <i>Vector-Borne and Zoonotic Diseases</i> , 2020, 20, 916-920.	1.5	8
21	Vaccination with single plasmid DNA encoding IL-12 and antigens of severe fever with thrombocytopenia syndrome virus elicits complete protection in IFNAR knockout mice. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007813.	3.0	24
22	Polarized lung inflammation and Tie2/angiopoietin-mediated endothelial dysfunction during severe <i>Orientia tsutsugamushi</i> infection. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007675.	3.0	22
23	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
24	Assessment of Cellular Uptake Efficiency According to Multiple Inhibitors of Fe ₃ O ₄ -Au Core-Shell Nanoparticles: Possibility to Control Specific Endocytosis in Colorectal Cancer Cells. <i>Nanoscale Research Letters</i> , 2020, 15, 165.	5.7	7
25	Smart Hybrid Nanocomposite for Photodynamic Inactivation of Cancer Cells with Selectivity. <i>Journal of Physical Chemistry B</i> , 2019, 123, 6776-6783.	2.6	4
26	Sequential Emergence and Wide Spread of Neutralization Escape Middle East Respiratory Syndrome Coronavirus Mutants, South Korea, 2015. <i>Emerging Infectious Diseases</i> , 2019, 25, 1161-1168.	4.3	23
27	Immunization with a recombinant antigen composed of conserved blocks from TSA56 provides broad genotype protection against scrub typhus. <i>Emerging Microbes and Infections</i> , 2019, 8, 946-958.	6.5	13
28	Application of ZnO-Based Nanocomposites for Vaccines and Cancer Immunotherapy. <i>Pharmaceutics</i> , 2019, 11, 493.	4.5	35
29	Endemic Severe Fever with Thrombocytopenia Syndrome, Vietnam. <i>Emerging Infectious Diseases</i> , 2019, 25, 1029-1031.	4.3	252
30	Application of radially grown ZnO nanowires on poly-L-lactide microfibers complexed with a tumor antigen for cancer immunotherapy. <i>Nanoscale</i> , 2019, 11, 4591-4600.	5.6	29
31	Severe Fever with Thrombocytopenia Syndrome Virus Infection or Mixed Infection with Scrub Typhus in South Korea in 2000-2003. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 1096-1099.	1.4	6
32	Comparative Study of Two Droplet-Based Dissolving Microneedle Fabrication Methods for Skin Vaccination. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701381.	7.6	35
33	Reduction of soluble dipeptidyl peptidase 4 levels in plasma of patients infected with Middle East respiratory syndrome coronavirus. <i>Virology</i> , 2018, 518, 324-327.	2.4	33
34	A Type I Interferon and IL-10 Induced by <i>Orientia tsutsugamushi</i> Infection Suppresses Antigen-Specific T Cells and Their Memory Responses. <i>Frontiers in Immunology</i> , 2018, 9, 2022.	4.8	23
35	Severe Fever with Thrombocytopenia Syndrome Virus Infection, South Korea, 2010. <i>Emerging Infectious Diseases</i> , 2018, 24, 2103-2105.	4.3	54
36	Chaperna-Mediated Assembly of Ferritin-Based Middle East Respiratory Syndrome-Coronavirus Nanoparticles. <i>Frontiers in Immunology</i> , 2018, 9, 1093.	4.8	82

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37	Efficient intracellular delivery of biomacromolecules employing clusters of zinc oxide nanowires. <i>Nanoscale</i> , 2017, 9, 15371-15378.	5.6	24
38	Constitutive activation of T cells by \hat{I}^{32} -herpesviral GPCR through the interaction with cellular CXCR4. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1-11.	4.1	5
39	Longevity of antibody and T-cell responses against outer membrane antigens of <i>Orientia tsutsugamushi</i> in scrub typhus patients. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-8.	6.5	22
40	Immunological dynamics associated with rapid virological response during the early phase of type I interferon therapy in patients with chronic hepatitis C. <i>PLoS ONE</i> , 2017, 12, e0179094.	2.5	1
41	Diversification of <i>Orientia tsutsugamushi</i> genotypes by intragenic recombination and their potential expansion in endemic areas. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005408.	3.0	57
42	Outbreaks of Middle East Respiratory Syndrome in Two Hospitals Initiated by a Single Patient in Daejeon, South Korea. <i>Infection and Chemotherapy</i> , 2016, 48, 99.	2.3	42
43	Subversion of Innate Phagocytic Cells by <i>Orientia tsutsugamushi</i> . , 2016, , 293-306.		0
44	Comparative and kinetic analysis of viral shedding and immunological responses in MERS patients representing a broad spectrum of disease severity. <i>Scientific Reports</i> , 2016, 6, 25359.	3.3	302
45	Generation of protective immunity against <i>Orientia tsutsugamushi</i> infection by immunization with a zinc oxide nanoparticle combined with ScaA antigen. <i>Journal of Nanobiotechnology</i> , 2016, 14, 76.	9.1	29
46	Inhibition of eukaryotic translation by tetratricopeptide-repeat proteins of <i>Orientia tsutsugamushi</i> . <i>Journal of Microbiology</i> , 2016, 54, 136-144.	2.8	11
47	Spread of Mutant Middle East Respiratory Syndrome Coronavirus with Reduced Affinity to Human CD26 during the South Korean Outbreak. <i>MBio</i> , 2016, 7, e00019.	4.1	76
48	In Response. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 1393-1393.	1.4	0
49	Role of Th17 and Treg during the Chronic Infection of Hepatitis C Virus. <i>Journal of Bacteriology and Virology</i> , 2015, 45, 389.	0.1	1
50	The toxicity and distribution of iron oxideâ€“zinc oxide coreâ€“shell nanoparticles in C57BL/6 mice after repeated subcutaneous administration. <i>Journal of Applied Toxicology</i> , 2015, 35, 593-602.	2.8	22
51	Functional Manipulation of Dendritic Cells by Photoswitchable Generation of Intracellular Reactive Oxygen Species. <i>ACS Chemical Biology</i> , 2015, 10, 757-765.	3.4	29
52	Phylogenetic Analysis of Severe Fever with Thrombocytopenia Syndrome Virus in South Korea and Migratory Bird Routes Between China, South Korea, and Japan. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 468-474.	1.4	88
53	Immunization with an Autotransporter Protein of <i>Orientia tsutsugamushi</i> Provides Protective Immunity against Scrub Typhus. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003585.	3.0	39
54	Urbanization of Scrub Typhus Disease in South Korea. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003814.	3.0	86

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55	Multiple <i>Orientia tsutsugamushi</i> Ankyrin Repeat Proteins Interact with SCF1 Ubiquitin Ligase Complex and Eukaryotic Elongation Factor 1 \hat{I} . PLoS ONE, 2014, 9, e105652.	2.5	23
56	Synthesis of Multifunctional Fe ₃ O ₄ â€“CdSe/ZnS Nanoclusters Coated with Lipid A toward Dendritic Cell-Based Immunotherapy. ACS Applied Materials & Interfaces, 2014, 6, 5297-5307.	8.0	18
57	Activation of TRPC4 \hat{I}^2 by G \hat{I} \pm i subunit increases Ca ²⁺ selectivity and controls neurite morphogenesis in cultured hippocampal neuron. Cell Calcium, 2013, 54, 307-319.	2.4	35
58	Active Escape of <i>Orientia tsutsugamushi</i> from Cellular Autophagy. Infection and Immunity, 2013, 81, 552-559.	2.2	41
59	<i>Orientia tsutsugamushi</i> Subverts Dendritic Cell Functions by Escaping from Autophagy and Impairing Their Migration. PLoS Neglected Tropical Diseases, 2013, 7, e1981.	3.0	49
60	Molecular Characterization of <i>sca</i> Genes Found in <i>Orientia tsutsugamushi</i> Genome. Journal of Bacteriology and Virology, 2013, 43, 155.	0.1	5
61	Phenotypic Characterization of Peripheral T Cells and Their Dynamics in Scrub Typhus Patients. PLoS Neglected Tropical Diseases, 2012, 6, e1789.	3.0	44
62	Selective G \hat{I} \pm i Subunits as Novel Direct Activators of Transient Receptor Potential Canonical (TRPC)4 and TRPC5 Channels. Journal of Biological Chemistry, 2012, 287, 17029-17039.	3.4	85
63	Activation of the STAT6 transcription factor in Jurkat T-cells by the herpesvirus saimiri Tip protein. Journal of General Virology, 2012, 93, 330-340.	2.9	13
64	Detection of Antibodies against <i>Orientia tsutsugamushi</i> Sca Proteins in Scrub Typhus Patients and Genetic Variation of <i>sca</i> Genes of Different Strains. Vaccine Journal, 2012, 19, 1442-1451.	3.1	21
65	Cellular and Systemic Interactions of <i>Orientia tsutsugamushi</i> with Mammalian Host. Journal of Bacteriology and Virology, 2012, 42, 276.	0.1	3
66	A multifunctional coreâ€“shell nanoparticle for dendritic cell-based cancer immunotherapy. Nature Nanotechnology, 2011, 6, 675-682.	31.5	470
67	Involvement of Ca ²⁺ signaling in intracellular invasion of non-phagocytic host cells by <i>Orientia tsutsugamushi</i> . Microbial Pathogenesis, 2011, 50, 326-330.	2.9	10
68	Inhibition of Retromer Activity by Herpesvirus Saimiri Tip Leads to CD4 Downregulation and Efficient T Cell Transformation. Journal of Virology, 2011, 85, 10627-10638.	3.4	30
69	An Autotransporter Protein from <i>Orientia tsutsugamushi</i> Mediates Adherence to Nonphagocytic Host Cells. Infection and Immunity, 2011, 79, 1718-1727.	2.2	41
70	Global gene expression profile of <i>Orientia tsutsugamushi</i> . Proteomics, 2010, 10, 1699-1715.	2.2	26
71	Intracellular Invasion by <i>Orientia tsutsugamushi</i> Is Mediated by Integrin Signaling and Actin Cytoskeleton Rearrangements. Infection and Immunity, 2010, 78, 1915-1923.	2.2	62
72	Genome-Based Construction of the Metabolic Pathways of <i>Orientia tsutsugamushi</i> and Comparative Analysis within the Rickettsiales Order. Comparative and Functional Genomics, 2008, 1-14.	2.0	42

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73	Role of Amphipathic Helix of a Herpesviral Protein in Membrane Deformation and T Cell Receptor Downregulation. <i>PLoS Pathogens</i> , 2008, 4, e1000209.	4.7	24
74	Fibronectin Facilitates the Invasion of <i>Orientia tsutsugamushi</i> into Host Cells through Interaction with a 56 kDa Type-Specific Antigen. <i>Journal of Infectious Diseases</i> , 2008, 198, 250-257.	4.0	58
75	The <i>Orientia tsutsugamushi</i> genome reveals massive proliferation of conjugative type IV secretion system and host cell interaction genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7981-7986.	7.1	219
76	The genomic and metabolic diversity of <i>Rickettsia</i> . <i>Research in Microbiology</i> , 2007, 158, 745-753.	2.1	64
77	Association of Herpesvirus Saimiri Tip with Lipid Raft Is Essential for Downregulation of T-Cell Receptor and CD4 Coreceptor. <i>Journal of Virology</i> , 2006, 80, 108-118.	3.4	25
78	Exploitation of the Endocytic Pathway by <i>Orientia tsutsugamushi</i> in Nonprofessional Phagocytes. <i>Infection and Immunity</i> , 2006, 74, 4246-4253.	2.2	43
79	Molecular Characterization of a Group of Proteins Containing Ankyrin Repeats in <i>Orientia tsutsugamushi</i> . <i>Annals of the New York Academy of Sciences</i> , 2005, 1063, 100-101.	3.8	5
80	Characterization of the Kaposi's Sarcoma-Associated Herpesvirus K1 Signalosome. <i>Journal of Virology</i> , 2005, 79, 12173-12184.	3.4	72
81	Down-Regulation of gp96 by <i>Orientia tsutsugamushi</i> . <i>Microbiology and Immunology</i> , 2004, 48, 297-305.	1.4	12
82	Inhibition of T Cell Receptor Signal Transduction by Tyrosine Kinase-interacting Protein of Herpesvirus saimiri. <i>Journal of Experimental Medicine</i> , 2004, 200, 681-687.	8.5	38
83	Distinct Roles of Cellular Lck and p80 Proteins in Herpesvirus Saimiri Tip Function on Lipid Rafts. <i>Journal of Virology</i> , 2003, 77, 9041-9051.	3.4	34
84	Induction of the Gene Encoding Macrophage Chemoattractant Protein 1 by <i>Orientia tsutsugamushi</i> in Human Endothelial Cells Involves Activation of Transcription Factor Activator Protein 1. <i>Infection and Immunity</i> , 2002, 70, 4841-4850.	2.2	52
85	Expression of Chemokine Genes in Human Dermal Microvascular Endothelial Cell Lines Infected with <i>Orientia tsutsugamushi</i> . <i>Infection and Immunity</i> , 2001, 69, 1265-1272.	2.2	55
86	Expression of Chemokine Genes in Murine Macrophages Infected with <i>Orientia tsutsugamushi</i> . <i>Infection and Immunity</i> , 2000, 68, 594-602.	2.2	76
87	Protective Immunity of Microsphere-Based Mucosal Vaccines against Lethal Intranasal Challenge with <i>Streptococcus pneumoniae</i> . <i>Infection and Immunity</i> , 1999, 67, 3587-3592.	2.2	35
88	Novel mucosal immunization with polysaccharide-protein conjugates entrapped in alginate microspheres. <i>Journal of Controlled Release</i> , 1998, 53, 215-224.	9.9	49
89	Acute Surge of Atypical Memory and Plasma B-Cell Subsets Driven by an Extrafollicular Response in Severe COVID-19. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	5