

# Won-Keun Kim

## List of Publications by Year in descending order

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85  
papers

2,808  
citations

218381

26  
h-index

197535

49  
g-index

90  
all docs

90  
docs citations

90  
times ranked

3091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Taxonomy of the order Bunyvirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1949-1965.	0.9	285
2	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyvirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	0.9	184
3	Hantaviruses—Globally emerging pathogens. <i>Journal of Clinical Virology</i> , 2015, 64, 128-136.	1.6	153
4	Defective Viral Genomes Arising In Vivo Provide Critical Danger Signals for the Triggering of Lung Antiviral Immunity. <i>PLoS Pathogens</i> , 2013, 9, e1003703.	2.1	131
5	Taxonomy of the order Bunyvirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 927-941.	0.9	115
6	Seewis virus, a genetically distinct hantavirus in the Eurasian common shrew ( <i>Sorex araneus</i> ). <i>Virology Journal</i> , 2007, 4, 114.	1.4	104
7	Hantaviruses: Rediscovery and new beginnings. <i>Virus Research</i> , 2014, 187, 6-14.	1.1	100
8	Characterization of Imjin Virus, a Newly Isolated Hantavirus from the Ussuri White-Toothed Shrew ( <i>Sorex araneus</i> )	1.5	97
9	Thottapalayam Virus, a Prototype Shrewborne Hantavirus. <i>Emerging Infectious Diseases</i> , 2007, 13, 980-985.	2.0	93
10	Newfound Hantavirus in Chinese Mole Shrew, Vietnam. <i>Emerging Infectious Diseases</i> , 2007, 13, 1784-1787.	2.0	86
11	Host switch during evolution of a genetically distinct hantavirus in the American shrew mole ( <i>Neurotrichus gibbsii</i> ). <i>Virology</i> , 2009, 388, 8-14.	1.1	73
12	Soochong virus: An antigenically and genetically distinct hantavirus isolated from <i>Apodemus peninsulae</i> in Korea. <i>Journal of Medical Virology</i> , 2006, 78, 290-297.	2.5	67
13	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyvirales and Mononegavirales. <i>Archives of Virology</i> , 2021, 166, 3513-3566.	0.9	62
14	Divergent ancestral lineages of newfound hantaviruses harbored by phylogenetically related crocidurine shrew species in Korea. <i>Virology</i> , 2012, 424, 99-105.	1.1	54
15	Highly immunostimulatory RNA derived from a Sendai virus defective viral genome. <i>Vaccine</i> , 2013, 31, 5713-5721.	1.7	54
16	Muju virus, a novel hantavirus harboured by the arvicolid rodent <i>Myodes regulus</i> in Korea. <i>Journal of General Virology</i> , 2007, 88, 3121-3129.	1.3	52
17	Identification of a Natural Viral RNA Motif That Optimizes Sensing of Viral RNA by RIG-I. <i>MBio</i> , 2015, 6, e01265-15.	1.8	48
18	Molecular epidemiology of hepatitis A virus in Korea. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2001, 16, 519-524.	1.4	43

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19	Identification of Tula hantavirus in <i>Pitymys subterraneus</i> captured in the Cacak region of Serbia-Yugoslavia. <i>International Journal of Infectious Diseases</i> , 2002, 6, 31-36.	1.5	37
20	Characterization of Tula Virus from Common Voles ( <i>Microtus Arvalis</i> ) in Poland: Evidence for Geographic-Specific Phylogenetic Clustering. <i>Virus Genes</i> , 2004, 29, 239-247.	0.7	33
21	Multiplex PCR-Based Next-Generation Sequencing and Global Diversity of Seoul Virus in Humans and Rats. <i>Emerging Infectious Diseases</i> , 2018, 24, 249-257.	2.0	33
22	Genetic Diversity and Reassortment of Hantaan Virus Tripartite RNA Genomes in Nature, the Republic of Korea. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004650.	1.3	31
23	Phylogeographic analysis of hemorrhagic fever with renal syndrome patients using multiplex PCR-based next generation sequencing. <i>Scientific Reports</i> , 2016, 6, 26017.	1.6	31
24	Serosurveillance of Scrub Typhus in Small Mammals Collected from Military Training Sites near the DMZ, Northern Gyeonggi-do, Korea, and Analysis of the Relative Abundance of Chiggers from Mammals Examined. <i>Korean Journal of Parasitology</i> , 2010, 48, 237.	0.5	30
25	Protective Effectiveness of Inactivated Hantavirus Vaccine Against Hemorrhagic Fever With Renal Syndrome. <i>Journal of Infectious Diseases</i> , 2018, 217, 1417-1420.	1.9	28
26	Genetic diversity of Apodemus agrarius-borne hantaan virus in Korea. <i>Virus Genes</i> , 2000, 21, 227-232.	0.7	27
27	Phylogenetic Analysis of the Small Hydrophobic (SH) Gene of Mumps Virus in Korea: Identification of a New Genotype. <i>Microbiology and Immunology</i> , 2000, 44, 173-177.	0.7	27
28	Hemorrhagic Fever with Renal Syndrome in 4 US Soldiers, South Korea, 2005. <i>Emerging Infectious Diseases</i> , 2009, 15, 1833-1836.	2.0	27
29	Adaptive mutations of neuraminidase stalk truncation and deglycosylation confer enhanced pathogenicity of influenza A viruses. <i>Scientific Reports</i> , 2017, 7, 10928.	1.6	27
30	Discovery and Genetic Characterization of Novel Paramyxoviruses Related to the Genus Henipavirus in Crocidura Species in the Republic of Korea. <i>Viruses</i> , 2021, 13, 2020.	1.5	27
31	The recent ancestry of Middle East respiratory syndrome coronavirus in Korea has been shaped by recombination. <i>Scientific Reports</i> , 2016, 6, 18825.	1.6	26
32	Molecular Phylogeny of Hantaviruses Harbored by Insectivorous Bats in Cote d'Ivoire and Vietnam. <i>Viruses</i> , 2014, 6, 1897-1910.	1.5	25
33	A Novel Adenovirus in Chinstrap Penguins ( <i>Pygoscelis antarctica</i> ) in Antarctica. <i>Viruses</i> , 2014, 6, 2052-2061.	1.5	25
34	Comparison of targeted next-generation sequencing for whole-genome sequencing of Hantaan orthohantavirus in <i>Apodemus agrarius</i> lung tissues. <i>Scientific Reports</i> , 2019, 9, 16631.	1.6	23
35	Active Targeted Surveillance to Identify Sites of Emergence of Hantavirus. <i>Clinical Infectious Diseases</i> , 2020, 70, 464-473.	2.9	22
36	Dynamic Circulation and Genetic Exchange of a Shrew-borne Hantavirus, Imjin virus, in the Republic of Korea. <i>Scientific Reports</i> , 2017, 7, 44369.	1.6	21

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37	MERS-CoV and SARS-CoV-2 replication can be inhibited by targeting the interaction between the viral spike protein and the nucleocapsid protein. <i>Theranostics</i> , 2021, 11, 3853-3867.	4.6	21
38	Serological Surveillance of Scrub Typhus, Murine Typhus, and Leptospirosis in Small Mammals Captured at Firing Points 10 and 60, Gyeonggi Province, Republic of Korea, 2001-2005. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 125-133.	0.6	20
39	Genetic and Molecular Epidemiological Characterization of a Novel Adenovirus in Antarctic Penguins Collected between 2008 and 2013. <i>PLoS ONE</i> , 2016, 11, e0157032.	1.1	20
40	Seroepidemiological Survey of Rodents Collected at a U.S. Military Installation, Yongsan Garrison, Seoul, Republic of Korea. <i>Military Medicine</i> , 2007, 172, 759-764.	0.4	19
41	Prevalence and molecular characterizations of <i>Toxoplasma gondii</i> and <i>Babesia microti</i> from small mammals captured in Gyeonggi and Gangwon Provinces, Republic of Korea. <i>Veterinary Parasitology</i> , 2014, 205, 512-517.	0.7	19
42	Deficiency of Melanoma Differentiation-associated Protein 5 Results in Exacerbated Chronic Postviral Lung Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 437-448.	2.5	18
43	Hantaan Virus Surveillance Targeting Small Mammals at Nightmare Range, a High Elevation Military Training Area, Gyeonggi Province, Republic of Korea. <i>PLoS ONE</i> , 2015, 10, e0118483.	1.1	18
44	Combination Effects of Peramivir and Favipiravir against Oseltamivir-Resistant 2009 Pandemic Influenza A(H1N1) Infection in Mice. <i>PLoS ONE</i> , 2014, 9, e101325.	1.1	17
45	Sequence-Independent, Single-Primer Amplification Next-Generation Sequencing of Hantaan Virus Cell Culture-Based Isolates. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 389-394.	0.6	16
46	<i>Plagiorchis muris</i> infection in <i>Apodemus agrarius</i> from northern Gyeonggi-do (Province) near the demilitarized zone. <i>Korean Journal of Parasitology</i> , 2007, 45, 153.	0.5	16
47	Hantaan virus surveillance targeting small mammals at Dagmar North Training Area, Gyeonggi Province, Republic of Korea, 2001-2005. <i>Journal of Vector Ecology</i> , 2011, 36, 373-381.	0.5	15
48	Genomic Epidemiology and Active Surveillance to Investigate Outbreaks of Hantaviruses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 532388.	1.8	14
49	<i>Apodemus agrarius</i> as a new definitive host for <i>Neodiplostomum seoulense</i> . <i>Korean Journal of Parasitology</i> , 2007, 45, 157.	0.5	14
50	Intestinal Nematodes from Small Mammals Captured near the Demilitarized Zone, Gyeonggi Province, Republic of Korea. <i>Korean Journal of Parasitology</i> , 2015, 53, 135-139.	0.5	14
51	Ecological surveillance of small mammals at Dagmar North Training Area, Gyeonggi Province, Republic of Korea, 2001-2005. <i>Journal of Vector Ecology</i> , 2011, 36, 42-54.	0.5	13
52	Muju Virus, Harbored by <i>Myodes regulus</i> in Korea, Might Represent a Genetic Variant of Puumala Virus, the Prototype Arvicolid Rodent-Borne Hantavirus. <i>Viruses</i> , 2014, 6, 1701-1714.	1.5	13
53	Hemorrhagic Fever with Renal Syndrome. <i>Infection and Chemotherapy</i> , 2019, 51, 405.	1.0	13
54	Hantaan Virus Surveillance in Small Mammals at Firing Points 10 and 60, Yeoncheon, Gyeonggi Province, Republic of Korea. <i>Vector-Borne and Zoonotic Diseases</i> , 2012, 12, 674-682.	0.6	11

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55	Hantavirus Infection in an Active Duty U.S. Army Soldier Stationed in Seoul, Korea. <i>Military Medicine</i> , 2003, 168, 231-233.	0.4	10
56	Serological Surveillance of Scrub Typhus, Murine Typhus, and Leptospirosis in Small Mammals Captured at Twin Bridges Training Area, Gyeonggi Province, Republic of Korea, 2005-2007. <i>Military Medicine</i> , 2010, 175, 48-54.	0.4	10
57	Reassortment compatibility between PB1, PB2, and HA genes of the two influenza B virus lineages in mammalian cells. <i>Scientific Reports</i> , 2016, 6, 27480.	1.6	10
58	Detection of Hantaan virus RNA from anti-Hantaan virus IgG seronegative rodents in an area of high endemicity in Republic of Korea. <i>Microbiology and Immunology</i> , 2016, 60, 268-271.	0.7	10
59	Novel Paju Apodemus paramyxovirus 1 and 2, harbored by Apodemus agrarius in the Republic of Korea. <i>Virology</i> , 2021, 562, 40-49.	1.1	10
60	Phylogenetic relationships of the HA and NA genes between vaccine and seasonal influenza A(H3N2) strains in Korea. <i>PLoS ONE</i> , 2017, 12, e0172059.	1.1	10
61	Genotypic shift of the hepatitis A virus and its clinical impact on acute hepatitis A in Korea: a nationwide multicenter study. <i>Scandinavian Journal of Infectious Diseases</i> , 2013, 45, 811-818.	1.5	9
62	A novel genotype of Hantaan orthohantavirus harbored by Apodemus agrarius chejuensis as a potential etiologic agent of hemorrhagic fever with renal syndrome in Republic of Korea. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009400.	1.3	9
63	Phylogeographic diversity and hybrid zone of Hantaan orthohantavirus collected in Gangwon Province, Republic of Korea. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008714.	1.3	9
64	Hantavirus surveillance and genetic diversity targeting small mammals at Camp Humphreys, a US military installation and new expansion site, Republic of Korea. <i>PLoS ONE</i> , 2017, 12, e0176514.	1.1	9
65	Genotyping and Molecular Diagnosis of Hepatitis A Virus in Human Clinical Samples Using Multiplex PCR-Based Next-Generation Sequencing. <i>Microorganisms</i> , 2022, 10, 100.	1.6	9
66	The PDZ-binding motif of the avian NS1 protein affects transmission of the 2009 influenza A(H1N1) virus. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 19-25.	1.0	8
67	Multiplex PCR-Based Nanopore Sequencing and Epidemiological Surveillance of Hantaan orthohantavirus in Apodemus agrarius, Republic of Korea. <i>Viruses</i> , 2021, 13, 847.	1.5	8
68	Urinary genome detection and tracking of Hantaan virus from hemorrhagic fever with renal syndrome patients using multiplex PCR-based next-generation sequencing. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009707.	1.3	8
69	Borna disease virus and deficit schizophrenia. <i>Acta Neuropsychiatrica</i> , 2003, 15, 262-265.	1.0	7
70	Broad-Spectrum Antiviral Activity of 3D8, a Nucleic Acid-Hydrolyzing Single-Chain Variable Fragment (scFv), Targeting SARS-CoV-2 and Multiple Coronaviruses In Vitro. <i>Viruses</i> , 2021, 13, 650.	1.5	7
71	Lethal disease in infant and juvenile Syrian hamsters experimentally infected with Imjin virus, a newfound crocidurine shrew-borne hantavirus. <i>Infection, Genetics and Evolution</i> , 2015, 36, 231-239.	1.0	6
72	Molecular Epidemiology and Genetic Diversity of Orthohantaviruses in Small Mammals in Western Poland. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 193-199.	0.6	6

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73	Urban Rodent Surveillance, Climatic Association, and Genomic Characterization of Seoul Virus Collected at U.S. Army Garrison, Seoul, Republic of Korea, 2006–2010. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 470-476.	0.6	5
74	Geographic distribution and modeling of ticks in the Republic of Korea and the application of tick models towards understanding the distribution of associated pathogenic agents. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101686.	1.1	4
75	Borna Disease Virus Antibody and RNA from Peripheral Blood Mononuclear Cells of Race Horses and Jockeys in Korea. <i>Psychiatry Investigation</i> , 2011, 8, 58.	0.7	4
76	Association between haemorrhagic fever with renal syndrome and cancers. <i>International Journal of Infectious Diseases</i> , 2021, 113, 127-135.	1.5	4
77	Hantavirus infection in an active duty U.S. Army soldier stationed in Seoul, Korea. <i>Military Medicine</i> , 2003, 168, 231-3.	0.4	4
78	A dominant antigenic region of the hantaan virus nucleocapsid protein is located within a amino-terminal short stretch of hydrophilic residues. <i>Virus Genes</i> , 2001, 23, 183-186.	0.7	2
79	No borna disease virus-specific RNA detected in blood of race horses and jockeys. <i>Acta Neuropsychiatrica</i> , 2006, 18, 177-180.	1.0	2
80	Human infection with Seoul orthohantavirus in Korea, 2019. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009168.	1.3	2
81	A Therapeutically Active Minibody Exhibits an Antiviral Activity in Oseltamivir-Resistant Influenza-Infected Mice via Direct Hydrolysis of Viral RNAs. <i>Viruses</i> , 2022, 14, 1105.	1.5	2
82	Genetic diversity and phylogeography of Jeju Orthohantavirus (Hantaviridae) in the Republic of Korea. <i>Virology</i> , 2020, 543, 13-19.	1.1	1
83	A Clinical Case of Scrub Typhus in the United States Forces Korea Patient with Eschar and Genetic Identification of <i>Orientia tsutsugamushi</i> Using Multiplex PCR-Based Next-Generation Sequencing. <i>Pathogens</i> , 2021, 10, 424.	1.2	1
84	Surveillance and Molecular Identification of <i>Borrelia</i> Species in Ticks Collected at U.S. Army Garrison Humphreys, Republic of Korea, 2018–2019. <i>Journal of Medical Entomology</i> , 2021, , .	0.9	1
85	Clinical and Immunological Predictors of Hemorrhagic Fever with Renal Syndrome Outcome during the Early Phase. <i>Viruses</i> , 2022, 14, 595.	1.5	1