

Wonyong Kim

List of Publications by Year in descending order

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109
papers

1,911
citations

304368

22
h-index

329751

37
g-index

112
all docs

112
docs citations

112
times ranked

2476
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical outcomes and predictors of response for adalimumab in patients with moderately to severely active ulcerative colitis: a KASID prospective multicenter cohort study. <i>Intestinal Research</i> , 2022, 20, 350-360.	1.0	15
2	<i>Marinobacter arenosus</i> sp. nov., a halotolerant bacterium isolated from a tidal flat. <i>Archives of Microbiology</i> , 2022, 204, 155.	1.0	1
3	<i>Arenibacterium arenosum</i> sp. nov., isolated from sea sand. <i>Archives of Microbiology</i> , 2022, 204, 147.	1.0	2
4	<i>Paenibacillus arenosi</i> sp. nov., a siderophore-producing bacterium isolated from coastal sediment. <i>Archives of Microbiology</i> , 2022, 204, 113.	1.0	2
5	<i>Sneathiella sedimenti</i> sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	5
6	Alleviation effects of <i>Rubus coreanus</i> Miquel root extract on skin symptoms and inflammation in chronic atopic dermatitis. <i>Food and Function</i> , 2022, 13, 2823-2831.	2.1	4
7	Heat-Killed <i>Lactiplantibacillus plantarum</i> LRCC5314 Mitigates the Effects of Stress-Related Type 2 Diabetes in Mice via Gut Microbiome Modulation. <i>Journal of Microbiology and Biotechnology</i> , 2022, 32, 324-332.	0.9	12
8	<i>Marinobacterium arenosum</i> sp. nov., isolated from a coastal sand. <i>Archives of Microbiology</i> , 2022, 204, 276.	1.0	0
9	<i>Thauera sedimentorum</i> sp. nov., Isolated from Coastal Sediment. <i>Current Microbiology</i> , 2022, 79, .	1.0	0
10	<i>Thalassococcus arenae</i> sp. nov. isolated from sea sand. <i>Archives of Microbiology</i> , 2022, 204, .	1.0	0
11	Multiple reassortment and interspecies transmission events contribute to the diversity of porcine-like human rotavirus C strains detected in South Korea. <i>Archives of Virology</i> , 2022, 167, 2163-2171.	0.9	2
12	<i>Halarcobacter arenosus</i> sp. nov., isolated from marine sediment. <i>Archives of Microbiology</i> , 2021, 203, 817-822.	1.0	8
13	<i>Cohnella pontilimi</i> sp. nov., isolated from tidal-flat mud. <i>Archives of Microbiology</i> , 2021, 203, 2445-2451.	1.0	0
14	Gut microbiota restoration through fecal microbiota transplantation: a new atopic dermatitis therapy. <i>Experimental and Molecular Medicine</i> , 2021, 53, 907-916.	3.2	45
15	<i>Kordia aestuariivivens</i> sp. nov. and <i>Olleya sediminitoris</i> sp. nov., isolated from a tidal flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	8
16	<i>Chachezhaniania sediminis</i> sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	4
17	Improvement of Cutaneous Wound Healing via Topical Application of Heat-Killed <i>Lactococcus chungangensis</i> CAU 1447 on Diabetic Mice. <i>Nutrients</i> , 2021, 13, 2666.	1.7	24
18	<i>Lactobacillus plantarum</i> Reduces Low-Grade Inflammation and Glucose Levels in a Mouse Model of Chronic Stress and Diabetes. <i>Infection and Immunity</i> , 2021, 89, e0061520.	1.0	26

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19	<i>Echinicola arenosa</i> sp. nov., isolated from marine sand. Archives of Microbiology, 2021, 203, 5675-5681.	1.0	1
20	<i>Snuella sedimenti</i> sp. nov., isolated from marine sediment. Archives of Microbiology, 2021, 203, 5437-5443.	1.0	0
21	Kestose-enriched fructo-oligosaccharide alleviates atopic dermatitis by modulating the gut microbiome and immune response. Journal of Functional Foods, 2021, 85, 104650.	1.6	5
22	<i>Photobacterium arenosum</i> sp. nov., isolated from marine sediment sand. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	6
23	<i>Roseibium limicola</i> sp. nov., isolated from tidal mudflat. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	5
24	Heat-killed <i>Lactiplantibacillus plantarum</i> LRCC5314 mitigates the effects of stress-related type 2 diabetes in mice via gut microbiome modulation. Journal of Microbiology and Biotechnology, 2021, 32, .	0.9	5
25	<i>Pseudomarimonas arenosa</i> gen. nov., sp. nov. isolated from marine sand. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	7
26	Complete Genome Sequence of <i>Lactocaseibacillus rhamnosus</i> CAU 1365, Isolated from Kimchi. Microbiology Resource Announcements, 2021, 10, e0093221.	0.3	0
27	<i>Lactiplantibacillus plantarum</i> LRCC5314 includes a gene for serotonin biosynthesis via the tryptophan metabolic pathway. Journal of Microbiology, 2021, 59, 1092-1103.	1.3	3
28	Effect of a new <i>Lactobacillus plantarum</i> product, LRCC5310, on clinical symptoms and virus reduction in children with rotaviral enteritis. Medicine (United States), 2020, 99, e22192.	0.4	15
29	Detection of an unusual G8P[8] rotavirus in a Rotarix-vaccinated child with acute gastroenteritis using Nanopore MinION sequencing. Medicine (United States), 2020, 99, e22641.	0.4	3
30	Description of <i>Shewanella salipaludis</i> sp. nov., isolated from a salt marsh. FEMS Microbiology Letters, 2020, 367, .	0.7	1
31	<i>Aureimonas fodinaquatilis</i> sp. nov., isolated from coal mine wastewater. Archives of Microbiology, 2020, 202, 2655-2661.	1.0	1
32	<i>Lactococcus chungangensis</i> CAU 28 alleviates diet-induced obesity and adipose tissue metabolism in vitro and in mice fed a high-fat diet. Journal of Dairy Science, 2020, 103, 9803-9814.	1.4	5
33	Polyphasic taxonomic analysis of <i>Nitratireductor arenosus</i> sp. nov., isolated from sea sand. FEMS Microbiology Letters, 2020, 367, .	0.7	2
34	Genipin inhibits rotavirus-induced diarrhea by suppressing viral replication and regulating inflammatory responses. Scientific Reports, 2020, 10, 15836.	1.6	12
35	<i>Ruegeria sediminis</i> sp. nov., isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3055-3061.	0.8	7
36	<i>Arenibacterium halophilum</i> gen. nov., sp. nov., a halotolerant bacterium in the family Rhodobacteraceae isolated from a coastal sand dune. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 6323-6330.	0.8	10

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37	<i>Gramella sabulitoris</i> sp. nov., isolated from a marine sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 909-914.	0.8	7
38	<i>Shewanella insulae</i> sp. nov., isolated from a tidal flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 3872-3877.	0.8	5
39	<i>Pontimicrobium aquaticum</i> gen. nov., sp. nov., a bacterium in the family Flavobacteriaceae isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4562-4568.	0.8	6
40	Hepatoprotective effects of <i>Lactococcus chungangensis</i> CAU 1447 in alcoholic liver disease. <i>Journal of Dairy Science</i> , 2019, 102, 10737-10747.	1.4	7
41	Cream Cheese-Derived <i>Lactococcus chungangensis</i> CAU 28 Modulates the Gut Microbiota and Alleviates Atopic Dermatitis in BALB/c Mice. <i>Scientific Reports</i> , 2019, 9, 446.	1.6	24
42	<i>Kazachstania turicensis</i> CAU Y1706 ameliorates atopic dermatitis by regulation of the gut-skin axis. <i>Journal of Dairy Science</i> , 2019, 102, 2854-2862.	1.4	5
43	<i>Arenibacillus arenosus</i> gen. nov., sp. nov., a member of the family Rhodobacteraceae isolated from sea sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 153-158.	0.8	13
44	<i>Cellulosimicrobium arenosum</i> sp. nov., Isolated from Marine Sediment Sand. <i>Current Microbiology</i> , 2018, 75, 901-906.	1.0	12
45	Exopolysaccharide from <i>Lactobacillus plantarum</i> LRCC5310 offers protection against rotavirus-induced diarrhea and regulates inflammatory response. <i>Journal of Dairy Science</i> , 2018, 101, 5702-5712.	1.4	67
46	Novel reassortant H5N6 highly pathogenic influenza A viruses in Vietnamese quail outbreaks. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2018, 56, 45-57.	0.7	11
47	Protective effects of <i>Lactococcus chungangensis</i> CAU 28 on alcohol-metabolizing enzyme activity in rats. <i>Journal of Dairy Science</i> , 2018, 101, 5713-5723.	1.4	7
48	Emergence of Human G2P[4] Rotaviruses in the Post-vaccination Era in South Korea: Footprints of Multiple Interspecies Re-assortment Events. <i>Scientific Reports</i> , 2018, 8, 6011.	1.6	25
49	<i>Aquicoccus porphyridii</i> gen. nov., sp. nov., isolated from a small marine red alga, <i>Porphyridium marinum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 283-288.	0.8	18
50	<i>Arenimonas halophila</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2188-2193.	0.8	8
51	<i>Tessaracoccus arenae</i> sp. nov., isolated from sea sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2008-2013.	0.8	15
52	Intersubtype Reassortments of H5N1 Highly Pathogenic Avian Influenza Viruses Isolated from Quail. <i>PLoS ONE</i> , 2016, 11, e0149608.	1.1	9
53	Evidence of multiple reassortment events of feline-to-human rotaviruses based on a rare human G3P[9] rotavirus isolated from a patient with acute gastroenteritis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2016, 46, 53-59.	0.7	7
54	Activities of amylase, proteinase, and lipase enzymes from <i>Lactococcus chungangensis</i> and its application in dairy products. <i>Journal of Dairy Science</i> , 2016, 99, 4999-5007.	1.4	39

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55	Differentiation of RotaTeq [®] vaccine strains from wild-type strains using NSP3 gene in reverse transcription polymerase chain reaction assay. <i>Journal of Virological Methods</i> , 2016, 237, 72-78.	1.0	5
56	Oral administration of <i>Lactococcus chungangensis</i> inhibits 2,4-dinitrochlorobenzene-induced atopic-like dermatitis in NC/Nga mice. <i>Journal of Dairy Science</i> , 2016, 99, 6889-6901.	1.4	19
57	Aldehyde dehydrogenase activity in <i>Lactococcus chungangensis</i> : Application in cream cheese to reduce aldehyde in alcohol metabolism. <i>Journal of Dairy Science</i> , 2016, 99, 1755-1761.	1.4	20
58	<i>Tumebacillus soli</i> sp. nov., isolated from non-rhizosphere soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2192-2197.	0.8	25
59	Emergence of Norovirus GII.17 Variants among Children with Acute Gastroenteritis in South Korea. <i>PLoS ONE</i> , 2016, 11, e0154284.	1.1	30
60	MinION [®] , a New, Long Read, Portable Nucleic Acid Sequencing Device. <i>Journal of Bacteriology and Virology</i> , 2015, 45, 285.	0.0	6
61	Alcohol dehydrogenase activity in <i>Lactococcus chungangensis</i> : Application in cream cheese to moderate alcohol uptake. <i>Journal of Dairy Science</i> , 2015, 98, 5974-5982.	1.4	9
62	<i>Eudoraea chungangensis</i> sp. nov., isolated from an aquafarm waste water sludge. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 1009-1015.	0.7	6
63	<i>Kangiella chungangensis</i> sp. nov. isolated from a marine sand. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 1291-1298.	0.7	40
64	The evolutionary dynamics of highly pathogenic avian influenza H5N1 in south-central Vietnam reveals multiple clades evolving from Chinese and Cambodian viruses. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2015, 42, 21-30.	0.7	6
65	Characterization of RotaTeq [®] vaccine-derived rotaviruses in South Korean infants with rotavirus gastroenteritis. <i>Journal of Medical Virology</i> , 2015, 87, 112-116.	2.5	11
66	<i>Roseovarius aquimarinus</i> sp. nov., a slightly halophilic bacterium isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4514-4520.	0.8	17
67	Microbial Communities in the Upper Respiratory Tract of Patients with Asthma and Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2014, 9, e109710.	1.1	74
68	A systematic review of genetic diversity of human rotavirus circulating in South Korea. <i>Infection, Genetics and Evolution</i> , 2014, 28, 462-469.	1.0	19
69	Anti-Inflammatory and Anti-Superbacterial Properties of Sulforaphane from Shepherd's Purse. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 33.	0.6	33
70	Transcriptomic analysis of <i>Lactococcus chungangensis</i> sp. nov. and its potential in cheese making. <i>Journal of Dairy Science</i> , 2014, 97, 7363-7372.	1.4	11
71	Anti-inflammatory, Antioxidant and Antimicrobial Effects of Artemisinin Extracts from <i>Artemisia annua</i> L. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 19, 21.	0.6	106
72	Virulence factors of uropathogenic <i>Escherichia coli</i> of urinary tract infections and asymptomatic bacteriuria in children. <i>Journal of Microbiology, Immunology and Infection</i> , 2014, 47, 455-461.	1.5	100

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73	Development of an oral immunoadjuvant from cheonggukjang that is efficacious for both mucosal and systemic immunity. <i>Food Science and Biotechnology</i> , 2014, 23, 239-245.	1.2	1
74	<i>Peptoniphilus rhinitidis</i> sp. nov., isolated from specimens of chronic rhinosinusitis. <i>Anaerobe</i> , 2014, 30, 30-34.	1.0	12
75	Î²-catenin mediates the inflammatory cytokine expression induced by the Der p 1 house dust mite allergen. <i>Molecular Medicine Reports</i> , 2014, 9, 633-638.	1.1	8
76	Whole genomic characterization of a Korean human parechovirus type 1 (HPEv1) identifies recombination events. <i>Journal of Medical Virology</i> , 2014, 86, 2084-2091.	2.5	9
77	Whole-Genome Analysis of a Rare Human Korean G3P[9] Rotavirus Strain Suggests a Complex Evolutionary Origin Potentially Involving Reassortment Events between Feline and Bovine Rotaviruses. <i>PLoS ONE</i> , 2014, 9, e97127.	1.1	20
78	Evolutionary Phylodynamics of Korean Noroviruses Reveals a Novel GII.2/GII.10 Recombination Event. <i>PLoS ONE</i> , 2014, 9, e113966.	1.1	7
79	Full genomic characterization of a group C rotavirus isolated from a child in south Korea. <i>Journal of Medical Virology</i> , 2013, 85, 1478-1484.	2.5	15
80	Whole genomic analysis reveals the co-evolutionary phylodynamics of Korean G9P[8] human rotavirus strains. <i>Archives of Virology</i> , 2013, 158, 1795-1803.	0.9	3
81	Distribution of rotavirus G and P genotypes approximately two years following the introduction of rotavirus vaccines in South Korea. <i>Journal of Medical Virology</i> , 2013, 85, 1307-1312.	2.5	10
82	Whole-genome sequence analysis of a Korean G11P[25] rotavirus strain identifies several porcine-human reassortant events. <i>Archives of Virology</i> , 2013, 158, 2385-2393.	0.9	21
83	Molecular characterization of serotype G9 rotaviruses circulating in South Korea between 2005 and 2010. <i>Journal of Medical Virology</i> , 2013, 85, 171-178.	2.5	12
84	Anti-Inflammatory and Anti-Superbacterial Activity of Polyphenols Isolated from Black Raspberry. <i>Korean Journal of Physiology and Pharmacology</i> , 2013, 17, 73.	0.6	21
85	A Metaviromic Analysis of Viral Communities in the Feces of Unexplained Acute Gastroenteritis. <i>Journal of Bacteriology and Virology</i> , 2013, 43, 290.	0.0	1
86	Analysis of Oropharyngeal Microbiota between the Patients with Bronchial Asthma and the Non-Asthmatic Persons. <i>Journal of Bacteriology and Virology</i> , 2013, 43, 270.	0.0	14
87	Prevalence of rotavirus genotypes in South Korea in 1989-2009: implications for a nationwide rotavirus vaccine program. <i>Korean Journal of Pediatrics</i> , 2013, 56, 465.	1.9	21
88	Comparative transcriptomic analysis of streptococcus pseudopneumoniae with viridans group streptococci. <i>BMC Microbiology</i> , 2012, 12, 77.	1.3	9
89	Clinical Characteristics and Genotypes of Rotaviruses in a Neonatal Intensive Care Unit. <i>Pediatrics and Neonatology</i> , 2012, 53, 18-23.	0.3	30
90	Characterization of the Fungal Microbiota (Mycobiome) in Healthy and Dandruff-Afflicted Human Scalps. <i>PLoS ONE</i> , 2012, 7, e32847.	1.1	105

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91	Application of Metagenomic Techniques: Understanding the Unrevealed Human Microbiota and Explaining the in Clinical Infectious Diseases. <i>Journal of Bacteriology and Virology</i> , 2012, 42, 263.	0.0	12
92	Genomic characterization of a cell-culture-adapted Korean human G9P[8] rotavirus, CAU05-202. <i>Archives of Virology</i> , 2012, 157, 753-759.	0.9	2
93	Complete genomic characterization of cell culture adapted human G12P[6] rotaviruses isolated from South Korea. <i>Virus Genes</i> , 2011, 42, 317-322.	0.7	10
94	Molecular characterization of rare G12P[6] rotavirus isolates closely related to G12 strains from the United States, CAU 195 and CAU 214. <i>Archives of Virology</i> , 2011, 156, 511-516.	0.9	9
95	Molecular characterization of rotavirus diarrhea among children in South Korea: detection of an unusual G11 strain. <i>Archives of Virology</i> , 2011, 156, 887-892.	0.9	16
96	Genetic variation of prevalent G1P[8] human rotaviruses in South Korea. <i>Journal of Medical Virology</i> , 2010, 82, 886-896.	2.5	36
97	Genetic variation of G4P[6] rotaviruses: Evidence for novel strains circulating between the hospital and community. <i>Journal of Medical Virology</i> , 2010, 82, 700-706.	2.5	22
98	Genetic characterization of norovirus GII.4 2006b variants from Jeju island, South Korea. <i>Journal of Medical Virology</i> , 2010, 82, 1065-1070.	2.5	17
99	rpoA is a useful gene for identification and classification of <i>Streptococcus pneumoniae</i> from the closely related viridans group streptococci. <i>FEMS Microbiology Letters</i> , 2010, 305, 58-64.	0.7	22
100	<i>Oceanobacillus locisalsi</i> sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2758-2762.	0.8	32
101	<i>Clostridium arbusti</i> sp. nov., an anaerobic bacterium isolated from pear orchard soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2231-2235.	0.8	20
102	Detection of unusual rotavirus genotypes G8P[8] and G12P[6] in South Korea. <i>Journal of Medical Virology</i> , 2008, 80, 175-182.	2.5	50
103	<i>Lactococcus chungangensis</i> sp. nov., a lactic acid bacterium isolated from activated sludge foam. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1844-1849.	0.8	71
104	<i>Pigmentiphaga daeguensis</i> sp. nov., isolated from wastewater of a dye works, and emended description of the genus <i>Pigmentiphaga</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1188-1191.	0.8	21
105	<i>Nesterenkonia jeotgali</i> sp. nov., isolated from jeotgal, a traditional Korean fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2587-2592.	0.8	42
106	VP7 Genotypes of Group A Rotavirus Isolated from Infants and Toddlers with Rotavirus Gastroenteritis in Jeju. <i>Korean Journal of Pediatric Gastroenterology and Nutrition</i> , 2006, 9, 147.	0.2	2
107	<i>Tsukamurella pseudospumae</i> sp. nov., a novel actinomycete isolated from activated sludge foam. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1209-1212.	0.8	71
108	Comparison of 16S rDNA analysis and rep-PCR genomic fingerprinting for molecular identification of <i>Yersinia pseudotuberculosis</i> . <i>Antonie Van Leeuwenhoek</i> , 2003, 83, 125-133.	0.7	35

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109	Distribution of human group a rotavirus VP7 and VP4 types circulating in Seoul, Korea between 1998 and 2000. <i>Journal of Medical Virology</i> , 2003, 70, 324-328.	2.5	34