

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	Anti-inflammatory, Antioxidant and Antimicrobial Effects of Artemisinin Extracts from <i>Artemisia annua</i> L. Korean Journal of Physiology and Pharmacology, 2014, 19, 21.	0.6	106
2	Characterization of the Fungal Microbiota (Mycobiome) in Healthy and Dandruff-Afflicted Human Scalps. PLoS ONE, 2012, 7, e32847.	1.1	105
3	Virulence factors of uropathogenic <i>Escherichia coli</i> of urinary tract infections and asymptomatic bacteriuria in children. Journal of Microbiology, Immunology and Infection, 2014, 47, 455-461.	1.5	100
4	Microbial Communities in the Upper Respiratory Tract of Patients with Asthma and Chronic Obstructive Pulmonary Disease. PLoS ONE, 2014, 9, e109710.	1.1	74
5	<i>Tsukamurella pseudospumae</i> sp. nov., a novel actinomycete isolated from activated sludge foam. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1209-1212.	0.8	71
6	<i>Lactococcus chungangensis</i> sp. nov., a lactic acid bacterium isolated from activated sludge foam. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1844-1849.	0.8	71
7	Exopolysaccharide from <i>Lactobacillus plantarum</i> LRCC5310 offers protection against rotavirus-induced diarrhea and regulates inflammatory response. Journal of Dairy Science, 2018, 101, 5702-5712.	1.4	67
8	Detection of unusual rotavirus genotypes G8P[8] and G12P[6] in South Korea. Journal of Medical Virology, 2008, 80, 175-182.	2.5	50
9	Gut microbiota restoration through fecal microbiota transplantation: a new atopic dermatitis therapy. Experimental and Molecular Medicine, 2021, 53, 907-916.	3.2	45
10	<i>Nesterenkonia jeotgali</i> sp. nov., isolated from jeotgal, a traditional Korean fermented seafood. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2587-2592.	0.8	42
11	<i>Kangiella chungangensis</i> sp. nov. isolated from a marine sand. Antonie Van Leeuwenhoek, 2015, 107, 1291-1298.	0.7	40
12	Activities of amylase, proteinase, and lipase enzymes from <i>Lactococcus chungangensis</i> and its application in dairy products. Journal of Dairy Science, 2016, 99, 4999-5007.	1.4	39
13	Genetic variation of prevalent G1P[8] human rotaviruses in South Korea. Journal of Medical Virology, 2010, 82, 886-896.	2.5	36
14	Comparison of 16S rDNA analysis and rep-PCR genomic fingerprinting for molecular identification of <i>Yersinia pseudotuberculosis</i> . Antonie Van Leeuwenhoek, 2003, 83, 125-133.	0.7	35
15	Distribution of human group A rotavirus VP7 and VP4 types circulating in Seoul, Korea between 1998 and 2000. Journal of Medical Virology, 2003, 70, 324-328.	2.5	34
16	Anti-Inflammatory and Anti-Superbacterial Properties of Sulforaphane from Shepherd's Purse. Korean Journal of Physiology and Pharmacology, 2014, 18, 33.	0.6	33
17	<i>Oceanobacillus locisalsi</i> sp. nov., isolated from a marine solar saltern. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2758-2762.	0.8	32
18	Clinical Characteristics and Genotypes of Rotaviruses in a Neonatal Intensive Care Unit. Pediatrics and Neonatology, 2012, 53, 18-23.	0.3	30

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19	Emergence of Norovirus GII.17 Variants among Children with Acute Gastroenteritis in South Korea. PLoS ONE, 2016, 11, e0154284.	1.1	30
20	Lactobacillus plantarum Reduces Low-Grade Inflammation and Glucose Levels in a Mouse Model of Chronic Stress and Diabetes. Infection and Immunity, 2021, 89, e0061520.	1.0	26
21	Emergence of Human G2P[4] Rotaviruses in the Post-vaccination Era in South Korea: Footprints of Multiple Interspecies Re-assortment Events. Scientific Reports, 2018, 8, 6011.	1.6	25
22	Tumebacillus soli sp. nov., isolated from non-rhizosphere soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2192-2197.	0.8	25
23	Cream Cheese-Derived Lactococcus chungangensis CAU 28 Modulates the Gut Microbiota and Alleviates Atopic Dermatitis in BALB/c Mice. Scientific Reports, 2019, 9, 446.	1.6	24
24	Improvement of Cutaneous Wound Healing via Topical Application of Heat-Killed Lactococcus chungangensis CAU 1447 on Diabetic Mice. Nutrients, 2021, 13, 2666.	1.7	24
25	Genetic variation of G4P[6] rotaviruses: Evidence for novel strains circulating between the hospital and community. Journal of Medical Virology, 2010, 82, 700-706.	2.5	22
26	rpoA is a useful gene for identification and classification of Streptococcus pneumoniae from the closely related viridans group streptococci. FEMS Microbiology Letters, 2010, 305, 58-64.	0.7	22
27	Pigmentiphaga daeguensis sp. nov., isolated from wastewater of a dye works, and emended description of the genus Pigmentiphaga. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1188-1191.	0.8	21
28	Whole-genome sequence analysis of a Korean G11P[25] rotavirus strain identifies several porcine-human reassortant events. Archives of Virology, 2013, 158, 2385-2393.	0.9	21
29	Anti-Inflammatory and Anti-Superbacterial Activity of Polyphenols Isolated from Black Raspberry. Korean Journal of Physiology and Pharmacology, 2013, 17, 73.	0.6	21
30	Prevalence of rotavirus genotypes in South Korea in 1989-2009: implications for a nationwide rotavirus vaccine program. Korean Journal of Pediatrics, 2013, 56, 465.	1.9	21
31	Clostridium arbusti sp. nov., an anaerobic bacterium isolated from pear orchard soil. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2231-2235.	0.8	20
32	Aldehyde dehydrogenase activity in Lactococcus chungangensis: Application in cream cheese to reduce aldehyde in alcohol metabolism. Journal of Dairy Science, 2016, 99, 1755-1761.	1.4	20
33	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. PLoS ONE, 2014, 9, e97127.	1.1	20
34	A systematic review of genetic diversity of human rotavirus circulating in South Korea. Infection, Genetics and Evolution, 2014, 28, 462-469.	1.0	19
35	Oral administration of Lactococcus chungangensis inhibits 2,4-dinitrochlorobenzene-induced atopic-like dermatitis in NC/Nga mice. Journal of Dairy Science, 2016, 99, 6889-6901.	1.4	19
36	Aquicoccus porphyridii gen. nov., sp. nov., isolated from a small marine red alga, Porphyridium marinum. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 283-288.	0.8	18

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37	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
38	<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
39	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
40	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
41	Effect of a new <i>Lactobacillus plantarum</i> product, LRCC5310, on clinical symptoms and virus reduction in children with rotaviral enteritis. <i>Medicine (United States)</i> , 2020, 99, e22192.	0.4	15
42	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
43	<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
44	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
45	<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
46	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
47	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
48	<i>Peptoniphilus rhinitidis</i> sp. nov., isolated from specimens of chronic rhinosinusitis. <i>Anaerobe</i> , 2014, 30, 30-34.	1.0	12
49	<i>Cellulosimicrobium arenosum</i> sp. nov., Isolated from Marine Sediment Sand. <i>Current Microbiology</i> , 2018, 75, 901-906.	1.0	12
50	Genipin inhibits rotavirus-induced diarrhea by suppressing viral replication and regulating inflammatory responses. <i>Scientific Reports</i> , 2020, 10, 15836.	1.6	12
51	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
52	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
53	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
54	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

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55	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
56	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
57	<i>Arenibacterium halophilum</i> gen. nov., sp. nov., a halotolerant bacterium in the family Rhodobacteraceae isolated from a coastal sand dune. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6323-6330.	0.8	10
58	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
59	Comparative transcriptomic analysis of streptococcus pseudopneumoniae with viridans group streptococci. <i>BMC Microbiology</i> , 2012, 12, 77.	1.3	9
60	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
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	Intersubtype Reassortments of H5N1 Highly Pathogenic Avian Influenza Viruses Isolated from Quail. <i>PLoS ONE</i> , 2016, 11, e0149608.	1.1	9
63	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
64	<i>Halarcobacter arenosus</i> sp. nov., isolated from marine sediment. <i>Archives of Microbiology</i> , 2021, 203, 817-822.	1.0	8
65	<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
66	<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
67	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
68	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
69	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
70	<i>Ruegeria sediminis</i> sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 3055-3061.	0.8	7
71	Evolutionary Phylodynamics of Korean Noroviruses Reveals a Novel GII.2/GII.10 Recombination Event. <i>PLoS ONE</i> , 2014, 9, e113966.	1.1	7
72	<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

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73	<i>Pseudomonas arenosa</i> gen. nov., sp. nov. isolated from marine sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	7
74	MinION [™] : New, Long Read, Portable Nucleic Acid Sequencing Device. <i>Journal of Bacteriology and Virology</i> , 2015, 45, 285.	0.0	6
75	<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
76	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
77	<i>Photobacterium arenosum</i> sp. nov., isolated from marine sediment sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	6
78	<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
79	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
80	<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
81	<i>Lactococcus chungangensis</i> CALI 28 alleviates diet-induced obesity and adipose tissue metabolism in vitro and in mice fed a high-fat diet. <i>Journal of Dairy Science</i> , 2020, 103, 9803-9814.	1.4	5
82	Kestose-enriched fructo-oligosaccharide alleviates atopic dermatitis by modulating the gut microbiome and immune response. <i>Journal of Functional Foods</i> , 2021, 85, 104650.	1.6	5
83	<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
84	<i>Roseibium limicola</i> sp. nov., isolated from tidal mudflat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	5
85	<i>Sneathiella sedimenti</i> sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	5
86	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> , 2021, 32, .	0.9	5
87	<i>Chachezhanzia sediminis</i> sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	4
88	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
89	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
90	Detection of an unusual G8P[8] rotavirus in a Rotarix-vaccinated child with acute gastroenteritis using Nanopore MinION sequencing. <i>Medicine (United States)</i> , 2020, 99, e22641.	0.4	3

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91	Lactiplantibacillus plantarum LRCC5314 includes a gene for serotonin biosynthesis via the tryptophan metabolic pathway. Journal of Microbiology, 2021, 59, 1092-1103.	1.3	3
92	Genomic characterization of a cell-culture-adapted Korean human G9P[8] rotavirus, CAU05-202. Archives of Virology, 2012, 157, 753-759.	0.9	2
93	Polyphasic taxonomic analysis of <i>Nitratireductor arenosus</i> sp. nov., isolated from sea sand. FEMS Microbiology Letters, 2020, 367, .	0.7	2
94	VP7 Genotypes of Group A Rotavirus Isolated from Infants and Toddlers with Rotavirus Gastroenteritis in Jeju. Korean Journal of Pediatric Gastroenterology and Nutrition, 2006, 9, 147.	0.2	2
95	Arenibacterium arenosum sp. nov., isolated from sea sand. Archives of Microbiology, 2022, 204, 147.	1.0	2
96	Paenibacillus arenosi sp. nov., a siderophore-producing bacterium isolated from coastal sediment. Archives of Microbiology, 2022, 204, 113.	1.0	2
97	Multiple reassortment and interspecies transmission events contribute to the diversity of porcine-like human rotavirus C strains detected in South Korea. Archives of Virology, 2022, 167, 2163-2171.	0.9	2
98	A Metaviromic Analysis of Viral Communities in the Feces of Unexplained Acute Gastroenteritis. Journal of Bacteriology and Virology, 2013, 43, 290.	0.0	1
99	Development of an oral immunoadjuvant from cheonggukjang that is efficacious for both mucosal and systemic immunity. Food Science and Biotechnology, 2014, 23, 239-245.	1.2	1
100	Description of Shewanella salipaludis sp. nov., isolated from a salt marsh. FEMS Microbiology Letters, 2020, 367, .	0.7	1
101	Aureimonas fodinaquatilis sp. nov., isolated from coal mine wastewater. Archives of Microbiology, 2020, 202, 2655-2661.	1.0	1
102	Echinicola arenosa sp. nov., isolated from marine sand. Archives of Microbiology, 2021, 203, 5675-5681.	1.0	1
103	Marinobacter arenosus sp. nov., a halotolerant bacterium isolated from a tidal flat. Archives of Microbiology, 2022, 204, 155.	1.0	1
104	Cohnella pontilimi sp. nov., isolated from tidal-flat mud. Archives of Microbiology, 2021, 203, 2445-2451.	1.0	0
105	Snuella sedimenti sp. nov., isolated from marine sediment. Archives of Microbiology, 2021, 203, 5437-5443.	1.0	0
106	Complete Genome Sequence of Lacticaseibacillus rhamnosus CAU 1365, Isolated from Kimchi. Microbiology Resource Announcements, 2021, 10, e0093221.	0.3	0
107	Marinobacterium arenosum sp. nov., isolated from a coastal sand. Archives of Microbiology, 2022, 204, 276.	1.0	0
108	Thauera sedimentorum sp. nov., Isolated from Coastal Sediment. Current Microbiology, 2022, 79, .	1.0	0

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109	Thalassococcus arenae sp. nov. isolated from sea sand. Archives of Microbiology, 2022, 204, .	1.0	0