

Myung-Ji Seo

List of Publications by Year in descending order

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80
papers

1,190
citations

489802

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29
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all docs

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docs citations

82
times ranked

1498
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression, purification, and characterization of glutamate decarboxylase from human gut-originated <i>Lactococcus garvieae</i> MJF010. <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, 69.	1.7	8
2	Genomic and Physiological Characterization of <i>Metabacillus flavus</i> sp. nov., a Novel Carotenoid-Producing Bacilli Isolated from Korean Marine Mud. <i>Microorganisms</i> , 2022, 10, 979.	1.6	6
3	Enhanced Production of C ₃₀ Carotenoid 4,4'-Diaponeurosporene by Optimizing Culture Conditions of <i>Lactiplantibacillus plantarum</i> subsp. <i>plantarum</i> KCCP11226 ^T . <i>Journal of Microbiology and Biotechnology</i> , 2022, 32, 892-901.	0.9	2
4	Genome analysis of 1-deoxynojirimycin (1-DNJ)-producing <i>Bacillus velezensis</i> K26 and distribution of <i>Bacillus</i> sp. harboring a 1-DNJ biosynthetic gene cluster. <i>Genomics</i> , 2021, 113, 647-653.	1.3	9
5	4,4'-Diaponeurosporene from <i>Lactobacillus plantarum</i> subsp. <i>plantarum</i> KCCP11226: Low Temperature Stress-Induced Production Enhancement and In Vitro Antioxidant Activity. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 63-69.	0.9	6
6	Biosynthesis of glyceride glycoside (nonionic surfactant) by amylosucrase, a powerful glycosyltransferase. <i>Food Science and Biotechnology</i> , 2021, 30, 267-276.	1.2	3
7	<i>Halobellus ruber</i> sp. nov., a deep red-pigmented extremely halophilic archaeon isolated from a Korean solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 997-1011.	0.7	5
8	<i>Nocardioides luti</i> sp. nov., belonging to the family <i>Nocardioidaceae</i> isolated from kaolinite, exhibiting the biosynthesis potential of alkylresorcinol. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 983-995.	0.7	6
9	<i>Haloferax litoreum</i> sp. nov., <i>Haloferax marinisediminis</i> sp. nov., and <i>Haloferax marinum</i> sp. nov., low salt-tolerant haloarchaea isolated from seawater and sediment. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 2065-2082.	0.7	3
10	Effects of enzymatically modified chestnut starch on the gut microbiome, microbial metabolome, and transcriptome of diet-induced obese mice. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 235-243.	3.6	20
11	Characterization of a potential probiotic bacterium <i>Lactococcus raffinolactis</i> WiKim0068 isolated from fermented vegetable using genomic and in vitro analyses. <i>BMC Microbiology</i> , 2020, 20, 136.	1.3	23
12	<i>Hymenobacter lutimineralis</i> sp. nov., belonging to the family <i>Hymenobacteraceae</i> , isolated from zeolite. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 947-957.	0.7	6
13	Genome analysis of <i>Lactobacillus plantarum</i> subsp. <i>plantarum</i> KCCP11226 reveals a well-conserved C30 carotenoid biosynthetic pathway. <i>3 Biotech</i> , 2020, 10, 150.	1.1	8
14	Molecular Docking and Kinetic Studies of the A226N Mutant of <i>Deinococcus geothermalis</i> Amylosucrase with Enhanced Transglucosylation Activity. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1436-1442.	0.9	2
15	In Vitro Assessment of Probiotic Properties for Lactic Acid Bacteria Isolated from Korean Traditional Fermented Food, Kimchi. <i>Current Topic in Lactic Acid Bacteria and Probiotics</i> , 2020, 6, 17-24.	0.8	1
16	<i>Paenibacillus lutimineralis</i> sp. nov., Isolated From Bentonite. <i>Current Microbiology</i> , 2019, 76, 995-1002.	1.0	8
17	<i>Paenibacillus psychroresistens</i> sp. nov., isolated from the soil of an Arctic glacial retreat. <i>Journal of Microbiology</i> , 2019, 57, 569-574.	1.3	5
18	Effect of raw potato starch on the gut microbiome and metabolome in mice. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 37-43.	3.6	35

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19	Inhibitory effect of <i>Bacillus velezensis</i> on biofilm formation by <i>Streptococcus mutans</i> . <i>Journal of Biotechnology</i> , 2019, 298, 57-63.	1.9	22
20	Complete genome sequence of acetate-producing <i>Klebsiella pneumoniae</i> L5-2 isolated from infant feces. <i>3 Biotech</i> , 2019, 9, 84.	1.1	4
21	Isolation of <i>Lactobacillus plantarum</i> subsp. <i>plantarum</i> Producing C30 Carotenoid 4,4'- $\frac{1}{2}$ -Diaponeurosporene and the Assessment of Its Antioxidant Activity. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 1925-1930.	0.9	22
22	<i>Roseovarius faecimaris</i> sp. nov., isolated from a tidal flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1465-1471.	0.8	7
23	Expression and characterization of glutamate decarboxylase from <i>Lactobacillus brevis</i> HYE1 isolated from kimchi. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 44.	1.7	28
24	<i>Zunongwangia flava</i> sp. nov., belonging to the family Flavobacteriaceae, isolated from <i>Salicornia europaea</i> . <i>Journal of Microbiology</i> , 2018, 56, 868-873.	1.3	11
25	Culture Optimization Strategy for 1-Deoxynojirimycin-producing <i>Bacillus methylotrophicus</i> K26 Isolated from Korean Fermented Soybean Paste, Doenjang. <i>Biotechnology and Bioprocess Engineering</i> , 2018, 23, 424-431.	1.4	13
26	<i>Haloplanus rallus</i> sp. nov., a halophilic archaeon isolated from crude solar salt. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3226-3231.	0.8	9
27	<i>Weissella cibaria</i> WIKIM28 ameliorates atopic dermatitis-like skin lesions by inducing tolerogenic dendritic cells and regulatory T cells in BALB/c mice. <i>Scientific Reports</i> , 2017, 7, 40040.	1.6	81
28	<i>Virgibacillus kimchii</i> sp. nov., a halophilic bacterium isolated from kimchi. <i>Journal of Microbiology</i> , 2017, 55, 933-938.	1.3	15
29	<i>Lawsonia intracellularis</i> in the feces of wild rodents and stray cats captured around equine farms. <i>BMC Veterinary Research</i> , 2017, 13, 233.	0.7	7
30	<i>Flavimarina flava</i> sp. nov., isolated from <i>Salicornia herbacea</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4240-4245.	0.8	5
31	<i>Paenibacillus arcticus</i> sp. nov., isolated from Arctic soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4385-4389.	0.8	10
32	<i>Nioella aestuarii</i> sp. nov., of the family Rhodobacteraceae, isolated from tidal flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 5205-5210.	0.8	8
33	Enhanced Production of Gamma-Aminobutyric Acid by Optimizing Culture Conditions of <i>Lactobacillus brevis</i> HYE1 Isolated from Kimchi, a Korean Fermented Food. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 450-459.	0.9	54
34	<i>Gracilibacillus kimchii</i> sp. nov., a halophilic bacterium isolated from kimchi. <i>Journal of Microbiology</i> , 2016, 54, 588-593.	1.3	17
35	Linarin down-regulates phagocytosis, pro-inflammatory cytokine production, and activation marker expression in RAW264.7 macrophages. <i>Food Science and Biotechnology</i> , 2016, 25, 1437-1442.	1.2	28
36	<i>Lentibacillus kimchii</i> sp. nov., an extremely halophilic bacterium isolated from kimchi, a Korean fermented vegetable. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 869-876.	0.7	25

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37	Characterization of antimicrobial lipopeptides produced by <i>Bacillus</i> sp. LM7 isolated from chungkookjang, a Korean traditional fermented soybean food. <i>International Journal of Food Microbiology</i> , 2016, 221, 12-18.	2.1	43
38	<i>Thalassobius litorarius</i> sp. nov., isolated from a tidal flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1666-1672.	0.8	12
39	<i>Halostella salina</i> gen. nov., sp. nov., an extremely halophilic archaeon isolated from solar salt. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2740-2746.	0.8	18
40	<i>Pseudoruegeria aestuarii</i> sp. nov., of the family Rhodobacteraceae, isolated from a tidal flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3125-3131.	0.8	19
41	Genomic Analysis of the Extremely Halophilic Archaeon <i>Halobacterium noricense</i> CBA1132 Isolated from Solar Salt That Is an Essential Material for Fermented Foods. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1375-1382.	0.9	5
42	Optimization of γ -L-Glutamic Acid Production by <i>Enterococcus faecium</i> JK29 Isolated from a Traditional Fermented Foods. <i>Microbiology and Biotechnology Letters</i> , 2016, 44, 26-33.	0.2	16
43	Microbial Community of the Arctic Soil from the Glacier Foreland of Midtre Lovénbreen in Svalbard by Metagenome Analysis. <i>Microbiology and Biotechnology Letters</i> , 2016, 44, 171-179.	0.2	4
44	Draft genome sequence of the extremely halophilic archaeon <i>Haladaptatus cibarius</i> type strain D43T isolated from fermented seafood. <i>Standards in Genomic Sciences</i> , 2015, 10, 53.	1.5	4
45	Genome sequence of the haloarchaeon <i>Haloterrigena jeotgali</i> type strain A29T isolated from salt-fermented food. <i>Standards in Genomic Sciences</i> , 2015, 10, 49.	1.5	4
46	Draft genome sequence of a denitrifying bacterium <i>Paracoccus marcusii</i> PAMC 22219 isolated from Arctic marine sediment. <i>Marine Genomics</i> , 2015, 21, 27-29.	0.4	2
47	Draft genome sequence of the agarolytic haloarchaeon <i>Halobellus rufus</i> type strain CBA1103. <i>FEMS Microbiology Letters</i> , 2015, 362, 1-3.	0.7	2
48	<i>Phaeobacter marinintestinus</i> sp. nov., isolated from the intestine of a sea cucumber (<i>Apostichopus</i>) Tj ETQq0 0 0 rBT /Overlock 10 Tf 5	0.7	11
49	Isolation, expression, and characterization of S-adenosyl-L-methionine synthetase from <i>Lactobacillus paraplantarum</i> 72815. <i>Food Science and Biotechnology</i> , 2015, 24, 1447-1451.	1.2	0
50	<i>Vulcanisaeta thermophila</i> sp. nov., a hyperthermophilic and acidophilic crenarchaeon isolated from solfataric soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 201-205.	0.8	13
51	Draft genome sequence of the extremely halophilic archaeon <i>Halococcus sediminicola</i> CBA1101T isolated from a marine sediment sample. <i>Marine Genomics</i> , 2014, 18, 145-146.	0.4	2
52	Draft genome sequence of <i>Halolamina rubra</i> CBA1107T, an agarolytic haloarchaeon isolated from solar salt. <i>Marine Genomics</i> , 2014, 18, 127-128.	0.4	1
53	Draft genome sequence of <i>Halapricum salinum</i> CBA1105T, an extremely halophilic archaeon isolated from solar salt. <i>Marine Genomics</i> , 2014, 18, 133-134.	0.4	3
54	<i>Citrimicrobium luteum</i> gen. nov., sp. nov., aerobic anoxygenic phototrophic bacterium isolated from the gut of a sea cucumber <i>Stichopus japonicus</i> . <i>Journal of Microbiology</i> , 2014, 52, 819-824.	1.3	9

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55	Halococcus sediminicola sp. nov., an extremely halophilic archaeon isolated from a marine sediment. Antonie Van Leeuwenhoek, 2014, 105, 73-79.	0.7	14
56	Hepatoprotective effect of fermented rice bran against carbon tetrachloride-induced toxicity in mice. Food Science and Biotechnology, 2014, 23, 165-171.	1.2	5
57	Halorubrum halophilum sp. nov., an extremely halophilic archaeon isolated from a salt-fermented seafood. Antonie Van Leeuwenhoek, 2014, 105, 603-612.	0.7	27
58	Bizionia psychrotolerans sp. nov., a psychrophilic bacterium isolated from the intestine of a sea cucumber (Apostichopus japonicus). Antonie Van Leeuwenhoek, 2014, 106, 837-844.	0.7	16
59	Halolamina rubra sp. nov., a haloarchaeon isolated from non-purified solar salt. Antonie Van Leeuwenhoek, 2014, 105, 907-914.	0.7	16
60	Halobellus rufus sp. nov., an extremely halophilic archaeon isolated from non-purified solar salt. Antonie Van Leeuwenhoek, 2014, 105, 925-932.	0.7	15
61	Halapricum salinum gen. nov., sp. nov., an extremely halophilic archaeon isolated from non-purified solar salt. Antonie Van Leeuwenhoek, 2014, 105, 979-986.	0.7	35
62	Draft genome sequence of Halorubrum halophilum B8T, an extremely halophilic archaeon isolated from salt-fermented seafood. Marine Genomics, 2014, 18, 117-118.	0.4	4
63	$\hat{\beta}$ -aminobutyric acid production in skim milk co-fermented with Lactobacillus brevis 877G and Lactobacillus sakei 795. Food Science and Biotechnology, 2013, 22, 751-755.	1.2	23
64	Expression and Characterization of a Glutamate Decarboxylase from <i>Lactobacillus brevis</i> 877G Producing $\hat{\beta}$ -Aminobutyric Acid. Bioscience, Biotechnology and Biochemistry, 2013, 77, 853-856.	0.6	56
65	Characterization of an <i>L-Arabinose Isomerase</i> from <i>Bacillus thermoglucosidasius</i> for <i>D-Tagatose</i> Production. Bioscience, Biotechnology and Biochemistry, 2013, 77, 385-388.	0.6	22
66	Isolation of the Putative Biosynthetic Gene Cluster of 1-Deoxynojirimycin by <i>Bacillus amyloliquefaciens</i> 140N, Its Production and Application to the Fermentation of Soybean Paste. Bioscience, Biotechnology and Biochemistry, 2013, 77, 398-401.	0.6	19
67	Draft Genome Sequence of Staphylococcus vitulinus F1028, a Strain Isolated from a Block of Fermented Soybean. Journal of Bacteriology, 2012, 194, 5961-5962.	1.0	9
68	Genome Sequence of Kocuria atrinae C3-8, Isolated from Jeotgal, a Traditional Korean Fermented Seafood. Journal of Bacteriology, 2012, 194, 5996-5996.	1.0	5
69	Genome Sequence of Lysinibacillus boronitolerans F1182, Isolated from a Traditional Korean Fermented Soybean Product. Journal of Bacteriology, 2012, 194, 5988-5988.	1.0	11
70	Genome Sequence of Staphylococcus lentus F1142, a Strain Isolated from Korean Soybean Paste. Journal of Bacteriology, 2012, 194, 5987-5987.	1.0	10
71	Production of salmosin, a snake venom-derived disintegrin, in recombinant Pichia pastoris using high cell density fed-batch fermentation. Biotechnology and Bioprocess Engineering, 2012, 17, 1068-1075.	1.4	1
72	Association of Colony Morphology with Coenzyme Q10 Production and Its Enhancement from Rhizobium radiobacter T6102W by Addition of Isopentenyl Alcohol as a Precursor. Journal of Microbiology and Biotechnology, 2012, 22, 230-233.	0.9	7

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73	16S rRNA Gene Sequence-based Microbial Diversity Analyses of the Geothermal Areas of Cisolak, Kamojang, and Likupang in Indonesia. <i>Microbiology and Biotechnology Letters</i> , 2012, 40, 268-273.	0.2	3
74	Genome Mining in <i>Streptomyces</i> . Elucidation of the Role of Baeyer-Villiger Monooxygenases and Non-Heme Iron-Dependent Dehydrogenase/Oxygenases in the Final Steps of the Biosynthesis of Pentalenolactone and Neopentalenolactone. <i>Biochemistry</i> , 2011, 50, 1739-1754.	1.2	65
75	Genome Mining in <i>Streptomyces</i> . Discovery of an Unprecedented P450-Catalyzed Oxidative Rearrangement That Is the Final Step in the Biosynthesis of Pentalenolactone. <i>Journal of the American Chemical Society</i> , 2011, 133, 2128-2131.	6.6	63
76	Isolation and Characterization of <i>N</i> -Acylhomoserine Lactonase from the Thermophilic Bacterium, <i>Geobacillus caldxylosilyticus</i> YS-8. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1789-1795.	0.6	28
77	Production of a Platelet Aggregation Inhibitor, Salmosin, by High Cell Density Fermentation of Recombinant <i>Escherichia coli</i> . <i>Journal of Microbiology and Biotechnology</i> , 2011, 21, 1053-1056.	0.9	4
78	Effect of Limited Oxygen Supply on Coenzyme Q10 Production and Its Relation to Limited Electron Transfer and Oxidative Stress in <i>Rhizobium radiobacter</i> T6102. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 346-349.	0.9	5
79	Genetic localization and heterologous expression of validamycin biosynthetic gene cluster isolated from <i>Streptomyces hygroscopicus</i> var. <i>limoneus</i> KCCM 11405 (IFO 12704). <i>Gene</i> , 2006, 376, 13-23.	1.0	32
80	Molecular detection of alpha-glucosidase inhibitor-producing actinomycetes. <i>Journal of Microbiology</i> , 2005, 43, 313-8.	1.3	3