

Jaejoon Jung

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,336
citations

393982

19
h-index

360668

35
g-index

40
all docs

40
docs citations

40
times ranked

1990
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Glyoxylate Shunt in Oxidative Stress Response. <i>Journal of Biological Chemistry</i> , 2016, 291, 11928-11938.	1.6	184
2	<i>Acinetobacter</i> species as model microorganisms in environmental microbiology: current state and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2533-2548.	1.7	158
3	Change in gene abundance in the nitrogen biogeochemical cycle with temperature and nitrogen addition in Antarctic soils. <i>Research in Microbiology</i> , 2011, 162, 1018-1026.	1.0	124
4	Metagenomic and functional analyses of the consequences of reduction of bacterial diversity on soil functions and bioremediation in diesel-contaminated microcosms. <i>Scientific Reports</i> , 2016, 6, 23012.	1.6	103
5	<i>Acinetobacter oleivorans</i> sp. nov. Is capable of adhering to and growing on diesel-oil. <i>Journal of Microbiology</i> , 2011, 49, 29-34.	1.3	64
6	Complete Genome Sequence of the Diesel-Degrading <i>Acinetobacter</i> sp. Strain DR1. <i>Journal of Bacteriology</i> , 2010, 192, 4794-4795.	1.0	62
7	Calcium Carbonate Precipitation by <i>Bacillus</i> and <i>Sporosarcina</i> Strains Isolated from Concrete and Analysis of the Bacterial Community of Concrete. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 540-548.	0.9	56
8	Gut Microbiota of <i>Tenebrio molitor</i> and Their Response to Environmental Change. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 888-897.	0.9	49
9	Seasonal changes in nitrogen-cycle gene abundances and in bacterial communities in acidic forest soils. <i>Journal of Microbiology</i> , 2012, 50, 365-373.	1.3	39
10	Metabolic and stress responses of <i>Acinetobacter oleivorans</i> DR1 during long-chain alkane degradation. <i>Microbial Biotechnology</i> , 2017, 10, 1809-1823.	2.0	34
11	Biochemical Characterization of L-Asparaginase in NaCl-Tolerant <i>Staphylococcus</i> sp. OJ82 Isolated from Fermented Seafood. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 1096-1104.	0.9	29
12	Physiological and metabolic responses for hexadecane degradation in <i>Acinetobacter oleivorans</i> DR1. <i>Journal of Microbiology</i> , 2011, 49, 208-215.	1.3	27
13	Comparative Genomic Analysis of <i>Acinetobacter oleivorans</i> DR1 To Determine Strain-Specific Genomic Regions and Gentsiate Biodegradation. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7418-7424.	1.4	27
14	Primers for amplification of nitrous oxide reductase genes associated with Firmicutes and Bacteroidetes in organic-compound-rich soils. <i>Microbiology (United Kingdom)</i> , 2013, 159, 307-315.	0.7	24
15	Identification and characterization of a marine-derived chitinolytic fungus, <i>Acremonium</i> sp. YS2-2. <i>Journal of Microbiology</i> , 2019, 57, 372-380.	1.3	24
16	Plasmid-Encoded Tetracycline Efflux Pump Protein Alters Bacterial Stress Responses and Ecological Fitness of <i>Acinetobacter oleivorans</i> . <i>PLoS ONE</i> , 2014, 9, e107716.	1.1	22
17	<i>Marinobacterium aestuarii</i> sp. nov., a benzene-degrading marine bacterium isolated from estuary sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 651-656.	0.8	22
18	Effects of nutritional input and diesel contamination on soil enzyme activities and microbial communities in antarctic soils. <i>Journal of Microbiology</i> , 2012, 50, 916-924.	1.3	21

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19	Comparative genomic and transcriptomic analyses of NaCl-tolerant <i>Staphylococcus</i> sp. OJ82 isolated from fermented seafood. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 807-822.	1.7	21
20	Short-Term Effect of Elevated Temperature on the Abundance and Diversity of Bacterial and Archaeal amoA Genes in Antarctic Soils. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 1187-1196.	0.9	21
21	Complexity of cell-cell interactions between <i>Pseudomonas</i> sp. AS1 and <i>Acinetobacter oleivorans</i> DR1: metabolic commensalism, biofilm formation and quorum quenching. <i>Research in Microbiology</i> , 2012, 163, 173-181.	1.0	18
22	Effect of Red Clay on Diesel Bioremediation and Soil Bacterial Community. <i>Microbial Ecology</i> , 2014, 68, 314-323.	1.4	17
23	Pyrosequencing-Based Analysis of the Bacterial Community in Korean Traditional Seafood, Ojingeo Jeotgal. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 1428-1433.	0.9	17
24	Genome Sequence of Extracellular-Protease-Producing <i>Alishewanella jeotgali</i> Isolated from Traditional Korean Fermented Seafood. <i>Journal of Bacteriology</i> , 2012, 194, 2097-2097.	1.0	15
25	Molecular Mechanisms of Enhanced Bacterial Growth on Hexadecane with Red Clay. <i>Microbial Ecology</i> , 2015, 70, 912-921.	1.4	14
26	Inhibitory Effect of Aged Petroleum Hydrocarbons on the Survival of Inoculated Microorganism in a Crude-Oil-Contaminated Site. <i>Journal of Microbiology and Biotechnology</i> , 2009, 19, 1672-1678.	0.9	14
27	Phenotypic and physiological alterations by heterologous acylhomoserine lactone synthase expression in <i>Pseudomonas putida</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 3762-3772.	0.7	13
28	Genome Sequence of Pectin-Degrading <i>Alishewanella aestuarii</i> Strain B11 ^T , Isolated from Tidal Flat Sediment. <i>Journal of Bacteriology</i> , 2012, 194, 5476-5476.	1.0	12
29	<i>Nonlabens ponticola</i> sp. nov., isolated from seawater and reclassification of <i>Nonlabens sediminis</i> as a later heterotypic synonym of <i>Nonlabens tegetincola</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	12
30	<i>Tamlana carrageenivorans</i> sp. nov., a carrageenan-degrading bacterium isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1355-1360.	0.8	12
31	Genome Sequence of Pectin-Degrading <i>Alishewanella agri</i> , Isolated from Landfill Soil. <i>Journal of Bacteriology</i> , 2012, 194, 5135-5136.	1.0	11
32	<i>Pedobacter jeongneungensis</i> sp. nov., isolated from forest soil. <i>Journal of Microbiology</i> , 2012, 50, 660-664.	1.3	11
33	Comparative Genomic and Transcriptomic Analyses Reveal Habitat Differentiation and Different Transcriptional Responses during Pectin Metabolism in <i>Alishewanella</i> Species. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6351-6361.	1.4	11
34	Pyrosequencing-based analysis of bacterial community and metabolites profiles in Korean traditional seafood fermentation: a flatfish-fermented seafood. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 908-910.	0.6	10
35	Complete Genome Sequence of <i>Marinobacterium aestuarii</i> ST58-10 ^T , a Benzene-Degrading Bacterium Isolated from Estuarine Sediment. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	9
36	The effect of toxic malachite green on the bacterial community in Antarctic soil and the physiology of malachite green-degrading <i>Pseudomonas</i> sp. MGO. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4511-4521.	1.7	8

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37	Mesorhizobium microcysteis sp. nov., isolated from a culture of Microcystis aeruginosa. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	8
38	Flaviumibacter soli sp. nov., Isolated from Soil. Current Microbiology, 2020, 77, 3179-3184.	1.0	7
39	High Concentration of Red Clay as an Alternative for Antibiotics in Aquaculture. Journal of Microbiology and Biotechnology, 2016, 26, 130-138.	0.9	4
40	Detection of genetically modified microorganisms in soil using the most-probable-number method with multiplex PCR and DNA dot blot. Research in Microbiology, 2011, 162, 807-816.	1.0	2