

Soo-Je Park

List of Publications by Year in descending order

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80
papers

2,835
citations

218677

26
h-index

189892

50
g-index

83
all docs

83
docs citations

83
times ranked

3482
citing authors

#	ARTICLE	IF	CITATIONS
1	Enrichment and Characterization of an Autotrophic Ammonia-Oxidizing Archaeon of Mesophilic Crenarchaeal Group I.1a from an Agricultural Soil. <i>Applied and Environmental Microbiology</i> , 2011, 77, 8635-8647.	3.1	239
2	Cultivation of Autotrophic Ammonia-Oxidizing Archaea from Marine Sediments in Coculture with Sulfur-Oxidizing Bacteria. <i>Applied and Environmental Microbiology</i> , 2010, 76, 7575-7587.	3.1	202
3	Hydrogen peroxide detoxification is a key mechanism for growth of ammonia-oxidizing archaea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7888-7893.	7.1	181
4	Core and Intact Polar Glycerol Dibiphytanyl Glycerol Tetraether Lipids of Ammonia-Oxidizing Archaea Enriched from Marine and Estuarine Sediments. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3468-3477.	3.1	166
5	Comparative analysis of archaeal 16S rRNA and amoA genes to estimate the abundance and diversity of ammonia-oxidizing archaea in marine sediments. <i>Extremophiles</i> , 2008, 12, 605-615.	2.3	156
6	Cultivation of a highly enriched ammonia-oxidizing archaeon of thaumarchaeotal group I.1b from an agricultural soil. <i>Environmental Microbiology</i> , 2012, 14, 1528-1543.	3.8	148
7	Isotopic signatures of N ₂ O produced by ammonia-oxidizing archaea from soils. <i>ISME Journal</i> , 2014, 8, 1115-1125.	9.8	143
8	Genome Sequence of an Ammonia-Oxidizing Soil Archaeon, <i>Candidatus Nitrosoarchaeum koreensis</i> MY1. <i>Journal of Bacteriology</i> , 2011, 193, 5539-5540.	2.2	111
9	High-throughput 16S rRNA gene sequencing reveals alterations of mouse intestinal microbiota after radiotherapy. <i>Anaerobe</i> , 2015, 33, 1-7.	2.1	104
10	Metabolic versatility of toluene-degrading, iron-reducing bacteria in tidal flat sediment, characterized by stable isotope probing-based metagenomic analysis. <i>Environmental Microbiology</i> , 2014, 16, 189-204.	3.8	88
11	A Mesophilic, Autotrophic, Ammonia-Oxidizing Archaeon of Thaumarchaeal Group I.1a Cultivated from a Deep Oligotrophic Soil Horizon. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3645-3655.	3.1	76
12	Changes in the Swine Gut Microbiota in Response to Porcine Epidemic Diarrhea Infection. <i>Microbes and Environments</i> , 2015, 30, 284-287.	1.6	56
13	Draft Genome Sequence of an Ammonia-Oxidizing Archaeon, <i>Candidatus Nitrosopumilus sediminis</i> AR2, from Svalbard in the Arctic Circle. <i>Journal of Bacteriology</i> , 2012, 194, 6948-6949.	2.2	52
14	Characterization of the fecal microbiome in different swine groups by high-throughput sequencing. <i>Anaerobe</i> , 2014, 28, 157-162.	2.1	51
15	Isolation, characterization, and abundance of filamentous members of Caldilineae in activated sludge. <i>Journal of Microbiology</i> , 2010, 48, 275-283.	2.8	50
16	Molecular analysis of the diversity of the sulfide:quinone reductase (sqr) gene in sediment environments. <i>Microbiology (United Kingdom)</i> , 2008, 154, 3112-3121.	1.8	42
17	Microbial Community Composition in the Marine Sediments of Jeju Island: Next-Generation Sequencing Surveys. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 883-890.	2.1	42
18	Draft Genome Sequence of an Ammonia-Oxidizing Archaeon, <i>Candidatus Nitrosopumilus koreensis</i> AR1, from Marine Sediment. <i>Journal of Bacteriology</i> , 2012, 194, 6940-6941.	2.2	40

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19	Molecular analysis of spatial variation of iron-reducing bacteria in riverine alluvial aquifers of the Mankyong River. <i>Journal of Microbiology</i> , 2012, 50, 207-217.	2.8	39
20	Unveiling abundance and distribution of planktonic <i>Bacteria</i> and <i>Archaea</i> in a polynya in <i>Amundsen Sea</i> , <i>Antarctica</i> . <i>Environmental Microbiology</i> , 2014, 16, 1566-1578.	3.8	38
21	Expanded Diversity and Metabolic Versatility of Marine Nitrite-Oxidizing Bacteria Revealed by Cultivation- and Genomics-Based Approaches. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	38
22	<i>Thioalbus denitrificans</i> gen. nov., sp. nov., a chemolithoautotrophic sulfur-oxidizing gammaproteobacterium, isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2045-2051.	1.7	35
23	Metagenome microarray for screening of fosmid clones containing specific genes. <i>FEMS Microbiology Letters</i> , 2008, 284, 28-34.	1.8	34
24	<i>Shewanella arctica</i> sp. nov., an iron-reducing bacterium isolated from Arctic marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1128-1133.	1.7	32
25	Genomes of Two New Ammonia-Oxidizing Archaea Enriched from Deep Marine Sediments. <i>PLoS ONE</i> , 2014, 9, e96449.	2.5	32
26	Draft Genome Sequence of the Sulfur-Oxidizing Bacterium <i>Candidatus Sulfurovum sediminum</i> AR, Which Belongs to the Epsilonproteobacteria. <i>Journal of Bacteriology</i> , 2012, 194, 4128-4129.	2.2	29
27	An Uncultivated Nitrate-Reducing Member of the Genus <i>Herminiimonas</i> Degrades Toluene. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3233-3243.	3.1	29
28	<i>Rhodanobacter aciditrophus</i> sp. nov., an acidophilic bacterium isolated from mine wastewater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4574-4579.	1.7	28
29	Detection and Diversity of the Nitrite Oxidoreductase Alpha Subunit (<i>nrxA</i>) Gene of <i>Nitrospina</i> in Marine Sediments. <i>Microbial Ecology</i> , 2017, 73, 111-122.	2.8	27
30	Influence of Deglaciation on Microbial Communities in Marine Sediments Off the Coast of Svalbard, Arctic Circle. <i>Microbial Ecology</i> , 2011, 62, 537-548.	2.8	23
31	<i>Salinisphaera orenii</i> sp. nov., isolated from a solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1877-1883.	1.7	23
32	<i>Myroides injenensis</i> sp. nov., a new member isolated from human urine. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 201-207.	1.7	23
33	Genomic Insights Into the Acid Adaptation of Novel Methanotrophs Enriched From Acidic Forest Soils. <i>Frontiers in Microbiology</i> , 2018, 9, 1982.	3.5	23
34	<i>Natronomonas gomsonensis</i> sp. nov., isolated from a solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 627-635.	1.7	22
35	<i>Marinobacter salinus</i> sp. nov., a moderately halophilic bacterium isolated from a tidal flat environment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 205-211.	1.7	22
36	<i>Halomonas aestuarii</i> sp. nov., a moderately halophilic bacterium isolated from a tidal flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4298-4303.	1.7	22

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37	<i>Bacteroides koreensis</i> sp. nov. and <i>Bacteroides kribbi</i> sp. nov., two new members of the genus <i>Bacteroides</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4352-4357.	1.7	22
38	<i>Winogradskyella pulchriflava</i> sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3062-3068.	1.7	20
39	<i>Hoeflea halophila</i> sp. nov., a novel bacterium isolated from marine sediment of the East Sea, Korea. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 971-978.	1.7	19
40	<i>Halolamina sediminis</i> sp. nov., an extremely halophilic archaeon isolated from solar salt. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2479-2484.	1.7	19
41	Microeukaryotic diversity in marine environments, an analysis of surface layer sediments from the East Sea. <i>Journal of Microbiology</i> , 2008, 46, 244-249.	2.8	18
42	Improving the remediation capacity of a landfill leachate channel by selecting suitable macrophytes. <i>Journal of Hydro-Environment Research</i> , 2018, 20, 31-37.	2.2	18
43	Identification of Microbial Profiles in Heavy-Metal-Contaminated Soil from Full-Length 16S rRNA Reads Sequenced by a PacBio System. <i>Microorganisms</i> , 2019, 7, 357.	3.6	18
44	<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.	1.7	18
45	A novel methanotroph in the genus <i>Methylomonas</i> that contains a distinct clade of soluble methane monoxygenase. <i>Journal of Microbiology</i> , 2017, 55, 775-782.	2.8	17
46	The characteristics and comparative analysis of methanotrophs reveal genomic insights into <i>Methylomicrobium</i> sp. enriched from marine sediments. <i>Systematic and Applied Microbiology</i> , 2018, 41, 415-426.	2.8	15
47	<i>Pusillimonas thiosulfatoxidans</i> sp. nov., a thiosulfate oxidizer isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1041-1046.	1.7	15
48	<i>Draconibacterium filum</i> sp. nov., a new species of the genus of <i>Draconibacterium</i> from sediment of the east coast of the Korean Peninsula. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 1049-1056.	1.7	14
49	Genomic and metatranscriptomic analyses of carbon remineralization in an Antarctic polynya. <i>Microbiome</i> , 2019, 7, 29.	11.1	13
50	<i>Marinoscillum luteum</i> sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3475-3480.	1.7	12
51	<i>Peptoniphilus rhinitidis</i> sp. nov., isolated from specimens of chronic rhinosinusitis. <i>Anaerobe</i> , 2014, 30, 30-34.	2.1	12
52	Physiological and genomic insights into the lifestyle of arsenite-oxidizing <i>Herminiimonas arsenitoxidans</i> . <i>Scientific Reports</i> , 2017, 7, 15007.	3.3	12
53	Draft genome sequence of an aromatic compound-degrading bacterium, <i>Desulfobaculasp.</i> TS, belonging to the <i>Deltaproteobacteria</i> . <i>FEMS Microbiology Letters</i> , 2014, 360, 9-12.	1.8	10
54	Cultivation and biochemical characterization of heterotrophic bacteria associated with phytoplankton bloom in the Amundsen sea polynya, Antarctica. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 123, 126-134.	1.4	10

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55	Paraburkholderia dokdonella sp. nov., isolated from a plant from the genus Campanula. Journal of Microbiology, 2019, 57, 107-112.	2.8	9
56	Comparative genomic analysis of Geosporobacter ferrireducens and its versatility of anaerobic energy metabolism. Journal of Microbiology, 2018, 56, 365-371.	2.8	8
57	Rhizocompartments and environmental factors affect microbial composition and variation in native plants. Journal of Microbiology, 2019, 57, 550-561.	2.8	8
58	Kineobactrum salinum sp. nov., isolated from marine sediment. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	7
59	Application of DNA Microarray for Screening Metagenome Library Clones. Methods in Molecular Biology, 2010, 668, 313-324.	0.9	6
60	Genomic potential of Marinobacter salinus Hb8T as sulfur oxidizing and aromatic hydrocarbon degrading bacterium. Marine Genomics, 2017, 34, 19-21.	1.1	6
61	Haloplanus salinarum sp. nov., an extremely halophilic archaeon isolated from a solar saltern. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4456-4461.	1.7	6
62	Ferrovibrio terrae sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1042-1047.	1.7	6
63	Complete genome of Halomonas aestuarii Hb3, isolated from tidal flat. Marine Genomics, 2018, 37, 43-45.	1.1	4
64	Genomics Reveals the Metabolic Potential and Functions in the Redistribution of Dissolved Organic Matter in Marine Environments of the Genus Thalassotalea. Microorganisms, 2020, 8, 1412.	3.6	4
65	Formosa sediminum sp. nov., a starch-degrading bacterium isolated from marine sediment. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2008-2015.	1.7	4
66	Evaluation of a fosmid-clone-based microarray for comparative analysis of swine fecal metagenomes. Journal of Microbiology, 2012, 50, 684-688.	2.8	3
67	Burkholderia alba sp. nov., isolated from a soil sample on Halla mountain in Jeju island. Journal of Microbiology, 2018, 56, 312-316.	2.8	3
68	Arthrobacter dokdonellae sp. nov., isolated from a plant of the genus Campanula. Journal of Microbiology, 2019, 57, 732-737.	2.8	3
69	Metagenomic assessment of a sulfur-oxidizing enrichment culture derived from marine sediment. Journal of Microbiology, 2010, 48, 739-747.	2.8	2
70	Draft Genome Sequence of "Candidatus Izimaplasma sp." Strain ZIA1, Obtained from a Toluene-Degrading and Iron-Reducing Enrichment Culture. Microbiology Resource Announcements, 2018, 7, .	0.6	2
71	Parasphingorhabdus halotolerans sp. nov. isolated from marine sediment in Jeju Island. Archives of Microbiology, 2021, 203, 3803-3809.	2.2	2
72	Paenibacillus albilobatus sp. nov., isolated from acidic soil on Jeju Island. Journal of Microbiology, 2018, 56, 393-398.	2.8	1

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73	Diversity Analysis for Archaeal amoA Gene in Marine Sediment of Svalbard, Arctic Circle. Korean Journal of Microbiology, 2014, 50, 164-168.	0.2	1
74	Paenibacillus seodonensis sp. nov., isolated from a plant of the genus Campanula. Journal of Microbiology, 2018, 56, 874-879.	2.8	0
75	Draconibacterium halophilum sp. nov., A Halophilic Bacterium Isolated from Marine Sediment. Current Microbiology, 2021, 78, 2440-2446.	2.2	0
76	Salinimonas marina sp. nov. Isolated from Jeju Island Marine Sediment. Current Microbiology, 2021, 78, 3321-3327.	2.2	0
77	Isolation and characterization analysis of the halophilic archaea isolated from solar saltern, Gomso. Korean Journal of Microbiology, 2015, 51, 427-434.	0.2	0
78	Microbial community structure analysis from Jeju marine sediment. Korean Journal of Microbiology, 2016, 52, 375-379.	0.2	0
79	Photobacterium halophilum sp. nov. and a Salt-Loving Bacterium Isolated from Marine Sediment. Diversity, 2022, 14, 188.	1.7	0
80	Complete genome sequence of marine photoheterotrophic bacterium Erythrobacter sp. JK5. Marine Genomics, 2022, 63, 100950.	1.1	0