Hanbyul Lee

List of Publications by Year in descending order

49 papers	1,072 citations	516561 16 h-index	454834 30 g-index
51 all docs	51 docs citations	51 times ranked	1578 citing authors

#	Article	IF	Citations
1	Changes in Archaeal Community and Activity by the Invasion of Spartina anglica Along Soil Depth Profiles of a Coastal Wetland. Microbial Ecology, 2022, 83, 436-446.	1.4	4
2	Two Unrecorded Apiospora Species Isolated from Marine Substrates in Korea with Eight New Combinations (A. piptatheri and A. rasikravindrae). Mycobiology, 2022, 50, 46-54.	0.6	6
3	Biofilm development of Bacillus siamensis ATKU1 on pristine short chain low-density polyethylene: A case study on microbe-microplastics interaction. Journal of Hazardous Materials, 2021, 409, 124516.	6.5	32
4	Environmental drivers affecting the bacterial community of intertidal sediments in the Yellow Sea. Science of the Total Environment, 2021, 755, 142726.	3.9	18
5	The genus Arthrinium (Ascomycota, Sordariomycetes, Apiosporaceae) from marine habitats from Korea, with eight new species. IMA Fungus, 2021, 12, 13.	1.7	18
6	Novosphingobium aureum sp. nov., a marine bacterium isolated from salt flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	10
7	Recovery of the benthic bacterial community in coastal abandoned saltern requires over 35Âyears: A comparative case study in the Yellow Sea. Environment International, 2020, 135, 105412.	4.8	11
8	Influence of Tree Vegetation on Soil Microbial Communities in Temperate Forests and Their Potential as a Proactive Indicator of Vegetation Shift Due to Climate Change. Sustainability, 2020, 12, 10591.	1.6	5
9	Diversity of Trichoderma spp. in Marine Environments and Their Biological Potential for Sustainable Industrial Applications. Sustainability, 2020, 12, 4327.	1.6	10
10	Successional Variation in the Soil Microbial Community in Odaesan National Park, Korea. Sustainability, 2020, 12, 4795.	1.6	11
11	A proposed stepwise screening framework for the selection of polycyclic aromatic hydrocarbon (PAH)-degrading white rot fungi. Bioprocess and Biosystems Engineering, 2020, 43, 767-783.	1.7	15
12	Marinobacter halodurans sp. nov., a halophilic bacterium isolated from sediment of a salt flat. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 6294-6300.	0.8	12
13	Fungal Diversity in Intertidal Mudflats and Abandoned Solar Salterns as a Source for Biological Resources. Marine Drugs, 2019, 17, 601.	2.2	20
14	Multiple evaluation of the potential toxic effects of sediments and biota collected from an oil-polluted area around Abu Ali Island, Saudi Arabia, Arabian Gulf. Ecotoxicology and Environmental Safety, 2019, 183, 109547.	2.9	9
15	Comparative evaluation of bioremediation techniques on oil contaminated sediments in long-term recovery of benthic community health. Environmental Pollution, 2019, 252, 137-145.	3.7	8
16	Importance of functional diversity in assessing the recovery of the microbial community after the Hebei Spirit oil spill in Korea. Environment International, 2019, 128, 89-94.	4.8	35
17	Desorption and solubilization of anthracene by a rhamnolipid biosurfactant from Rhodococcus fascians. Water Environment Research, 2019, 91, 739-747.	1.3	18
18	Fungal Diversity and Enzyme Activity Associated with the Macroalgae, Agarum clathratum. Mycobiology, 2019, 47, 50-58.	0.6	15

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19	Gemmobacter lutimaris sp. nov., a marine bacterium isolated from a tidal flat. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1676-1681.	0.8	19
20	Serinicoccus sediminis sp. nov., isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1998-2003.	0.8	5
21	Microbial community composition and PAHs removal potential of indigenous bacteria in oil contaminated sediment of Taean coast, Korea. Environmental Pollution, 2018, 234, 503-512.	3.7	111
22	Investigation of Filamentous Fungi Producing Safe, Functional Water-Soluble Pigments. Mycobiology, 2018, 46, 269-277.	0.6	21
23	New Report of Three Unrecorded Species in Trichoderma harzianum Species Complex in Korea. Mycobiology, 2018, 46, 177-184.	0.6	10
24	Biosurfactant-assisted bioremediation of crude oil by indigenous bacteria isolated from Taean beach sediment. Environmental Pollution, 2018, 241, 254-264.	3.7	128
25	Bioaccumulation of Polycyclic Aromatic Hydrocarbons (PAHs) by the Marine Clam, Mactra veneriformis, Chronically Exposed to Oil-Suspended Particulate Matter Aggregates. Environmental Science & Technology, 2018, 52, 7910-7920.	4.6	26
26	Zobellella maritima sp. nov., a polycyclic aromatic hydrocarbon-degrading bacterium, isolated from beach sediment. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 2279-2284.	0.8	10
27	Oceanimonas marisflavi sp. nov., a polycyclic aromatic hydrocarbon-degrading marine bacterium. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 2990-2995.	0.8	13
28	Blastococcus litoris sp. nov., isolated from sea-tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3435-3440.	0.8	13
29	Maribacter litoralis sp. nov. a marine bacterium isolated from seashore. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3471-3478.	0.8	8
30	Phylogenetic analysis of wood-inhabiting molds and assessment of soft-rot wood deterioration. Part 5. Genus Aureobasidium. Holzforschung, 2017, 71, 437-443.	0.9	4
31	Transcriptional analysis of genes encoding Î²-glucosidase of Schizophyllum commune KUC9397 under optimal conditions. Folia Microbiologica, 2017, 62, 191-196.	1.1	1
32	An integrative process for obtaining lipids and glucose from Chlorella vulgaris biomass with a single treatment of cell disruption. Algal Research, 2017, 27, 286-294.	2.4	31
33	Optimization of Fungal Enzyme Production byTrichoderma harzianumKUC1716 through Surfactant-Induced Morphological Changes. Mycobiology, 2017, 45, 48-51.	0.6	13
34	Five New Records of Soil-Derived Trichoderma in Korea: T. albolutescens, T. asperelloides, T. orientale, T. spirale, and T. tomentosum. Mycobiology, 2017, 45, 1-8.	0.6	10
35	Nocardioides litoris sp. nov., isolated from the Taean seashore. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2332-2336.	0.8	9
36	Echinicola sediminis sp. nov., a marine bacterium isolated from coastal sediment. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3351-3357.	0.8	17

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37	Diversity of Wood-Inhabiting Polyporoid and Corticioid Fungi in Odaesan National Park, Korea. Mycobiology, 2016, 44, 217-236.	0.6	34
38	Heterologous expression of a new manganese-dependent peroxidase gene from Peniophora incarnata KUC8836 and its ability to remove anthracene in Saccharomyces cerevisiae. Journal of Bioscience and Bioengineering, 2016, 122, 716-721.	1.1	21
39	Halo-tolerance of Marine-derived Fungi and their Enzymatic Properties. BioResources, 2015, 10, .	0.5	13
40	Investigation of Marine-Derived Fungal Diversity and Their Exploitable Biological Activities. Marine Drugs, 2015, 13, 4137-4155.	2.2	77
41	Comparison of the Diversity of Basidiomycetes from Dead Wood of the Manchurian fir (Abies) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Microbial Ecology, 2015, 70, 634-645.	1.4	13
42	Enhanced removal of PAHs by Peniophora incarnata and ascertainment of its novel ligninolytic enzyme genes. Journal of Environmental Management, 2015, 164, 10-18.	3.8	32
43	Wood Decay Fungi in South Korea: Polypores from Seoul. Mycobiology, 2014, 42, 140-146.	0.6	11
44	Isolation and Analysis of the Enzymatic Properties of Thermophilic Fungi from Compost. Mycobiology, 2014, 42, 181-184.	0.6	15
45	Phylogenetic analysis of major molds inhabiting woods. Part 4. Genus Alternaria. Holzforschung, 2014, 68, 247-251.	0.9	10
46	Biotechnological procedures to select white rot fungi for the degradation of PAHs. Journal of Microbiological Methods, 2014, 97, 56-62.	0.7	116
47	Phylogenetic analysis of the genus Fusarium and their antifungal activity against wood-decay and sapstain fungi. Holzforschung, 2013, 67, 473-478.	0.9	3
48	Screening for xylanase and Î²-xylosidase production from wood-inhabiting Penicillium strains for potential use in biotechnological applications. Holzforschung, 2012, 66, 267-271.	0.9	8
49	Miniaturized enzyme production and development of micro-assays for cellulolytic and xylanolytic enzymes. Journal of Microbiological Methods, 2011, 86, 124-127.	0.7	10