

# Jaisoo Kim

## List of Publications by Year in descending order

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110  
papers

2,738  
citations

236612

25  
h-index

243296

44  
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113  
all docs

113  
docs citations

113  
times ranked

2802  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Lysobacter terrestris</i> sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	0.8	5
2	Coconut Mesocarp-Based Lignocellulosic Waste as a Substrate for Cellulase Production from High Promising Multienzyme-Producing <i>Bacillus amyloliquefaciens</i> FW2 without Pretreatments. Microorganisms, 2022, 10, 327.	1.6	20
3	Purification and Characterization of Strong Simultaneous Enzyme Production of Protease and $\alpha$ -Amylase from an Extremophile- <i>Bacillus</i> sp. FW2 and Its Possibility in Food Waste Degradation. Fermentation, 2022, 8, 12.	1.4	14
4	Genome mining revealed polyhydroxybutyrate biosynthesis by <i>Ramlibacter agri</i> sp. nov., isolated from agriculture soil in Korea. Antonie Van Leeuwenhoek, 2022, 115, 563-572.	0.7	6
5	<i>Luteolibacter luteus</i> sp. nov., isolated from stream bank soil. Archives of Microbiology, 2021, 203, 377-382.	1.0	12
6	<i>Caenimonas soli</i> sp. nov., isolated from soil. Archives of Microbiology, 2021, 203, 1123-1129.	1.0	8
7	<i>Chryseobacterium cheonjiense</i> sp. nov., isolated from forest soil. Archives of Microbiology, 2021, 203, 725-731.	1.0	8
8	Review on pretreatment techniques to improve anaerobic digestion of sewage sludge. Fuel, 2021, 285, 119105.	3.4	182
9	<i>Chryseobacterium antibioticum</i> sp. nov. with antimicrobial activity against Gram-negative bacteria, isolated from Arctic soil. Journal of Antibiotics, 2021, 74, 115-123.	1.0	27
10	Genome Sequence of <i>Hymenobacter polaris</i> RP-2-7 <sup>T</sup> , Isolated from Arctic Soil. Microbiology Resource Announcements, 2021, 10, .	0.3	0
11	Effect of consortium bioaugmentation and biostimulation on remediation efficiency and bacterial diversity of diesel-contaminated aged soil. World Journal of Microbiology and Biotechnology, 2021, 37, 46.	1.7	10
12	<i>Novosphingobium olei</i> sp. nov., with the ability to degrade diesel oil, isolated from oil-contaminated soil and proposal to reclassify <i>Novosphingobium stygium</i> as a later heterotypic synonym of <i>Novosphingobium aromaticivorans</i> . International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	13
13	<i>Chitinophaga fulva</i> sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	10
14	Genome insight and description of antibiotic producing <i>Massilia antibiotica</i> sp. nov., isolated from oil-contaminated soil. Scientific Reports, 2021, 11, 6695.	1.6	8
15	<i>Azohydromonas caseinilytica</i> sp. nov., a Nitrogen-Fixing Bacterium Isolated From Forest Soil by Using Optimized Culture Method. Frontiers in Microbiology, 2021, 12, 647132.	1.5	14
16	Cold-shock gene <i>cspC</i> in the genome of <i>Massilia polaris</i> sp. nov. revealed cold-adaptation. Antonie Van Leeuwenhoek, 2021, 114, 1275-1284.	0.7	11
17	Volatile Fatty Acid Production from Food Waste Leachate Using Enriched Bacterial Culture and Soil Bacteria as Co-Digester. Sustainability, 2021, 13, 9606.	1.6	6
18	Insights into the biodegradation of diesel oil and changes in bacterial communities in diesel-contaminated soil as a consequence of various soil amendments. Chemosphere, 2021, 285, 131416.	4.2	18

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19	Description of antibiotic-producing novel bacteria <i>Paraburkholderia antibiotica</i> sp. nov. and <i>Paraburkholderia polaris</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	8
20	Improvement of Hydrogen Production during Anaerobic Fermentation of Food Waste Leachate by Enriched Bacterial Culture Using Biochar as an Additive. Microorganisms, 2021, 9, 2438.	1.6	11
21	The genome insights of <i>Streptomyces lannensis</i> T1317-0309 reveals actinomycin D production. Journal of Antibiotics, 2020, 73, 837-844.	1.0	3
22	Development of Multifunctional Cosmetic Cream Using Bioactive Materials from <i>Streptomyces</i> sp. T65 with Synthesized Mesoporous Silica Particles SBA-15. Antioxidants, 2020, 9, 278.	2.2	9
23	<i>Flavobacterium cellulolyticum</i> sp. nov., a novel psychrophilic bacterium isolated from Arctic soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 44-50.	0.8	6
24	<i>Dyadobacter psychrotolerans</i> sp. nov. and <i>Dyadobacter frigoris</i> sp. nov., two novel psychrotolerant members of the family Cytophagaceae isolated from Arctic soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 569-575.	0.8	15
25	<i>Flavobacterium sandaracinum</i> sp. nov., <i>Flavobacterium caseinilyticum</i> sp. nov., and <i>Flavobacterium hiemivividum</i> sp. nov., novel psychrophilic bacteria isolated from Arctic soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2269-2280.	0.8	14
26	<i>Paraburkholderia flava</i> sp. nov., isolated from cool temperate forest soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2509-2514.	0.8	12
27	Nine novel psychrotolerant species of the genus <i>Pedobacter</i> isolated from Arctic soil with potential antioxidant activities. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2537-2553.	0.8	35
28	<i>Hymenobacter polaris</i> sp. nov., a psychrotolerant bacterium isolated from an Arctic station. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4890-4896.	0.8	13
29	Biodegradation of diesel oil and n-alkanes (C<sub>18</sub>, C<sub>20</sub>, and Tj ETQq1 1 0.784314 rgBT /O Environmental Engineering Research, 2020, 25, 290-298.	1.5	20
30	<i>Paenibacillus piri</i> sp. nov., isolated from urban soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 656-661.	0.8	11
31	<i>Zoogloea dura</i> sp. nov., a N <sub>2</sub> -fixing bacterium isolated from forest soil and emendation of the genus <i>Zoogloea</i> and the species <i>Zoogloea oryzae</i> and <i>Zoogloea ramigera</i> . International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 5312-5318.	0.8	14
32	Development of a bacterial consortium comprising oil-degraders and diazotrophic bacteria for elimination of exogenous nitrogen requirement in bioremediation of diesel-contaminated soil. World Journal of Microbiology and Biotechnology, 2019, 35, 99.	1.7	20
33	New insights into bioremediation strategies for oil-contaminated soil in cold environments. International Biodeterioration and Biodegradation, 2019, 142, 58-72.	1.9	72
34	Development of a novel cultivation technique for uncultured soil bacteria. Scientific Reports, 2019, 9, 6666.	1.6	92
35	<i>Flavobacterium petrolei</i> sp. nov., a novel psychrophilic, diesel-degrading bacterium isolated from oil-contaminated Arctic soil. Scientific Reports, 2019, 9, 4134.	1.6	45
36	<i>Sphingobium aromaticivastans</i> sp. nov., a novel aniline- and benzene-degrading, and antimicrobial compound producing bacterium. Archives of Microbiology, 2019, 201, 155-161.	1.0	6

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37	Influence of biochar on physico-chemical and microbial community during swine manure composting process. <i>Journal of Environmental Management</i> , 2019, 232, 592-599.	3.8	102
38	<i>Flavobacterium dasani</i> sp. nov., a psychrotolerant bacterium isolated from Arctic soil. <i>Archives of Microbiology</i> , 2019, 201, 81-86.	1.0	7
39	<i>Glaciihabitans arcticus</i> sp. nov., a psychrotolerant bacterium isolated from Arctic soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2492-2497.	0.8	15
40	Experimental Setup for a Diffusion Bioreactor to Isolate Unculturable Soil Bacteria. <i>Bio-protocol</i> , 2019, 9, e3388.	0.2	3
41	<i>Arthrobacter terricola</i> sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	0.8	7
42	Description of <i>Sphingobium psychrophilum</i> sp. nov., a cold-adapted bacterium isolated from Arctic soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	0.8	5
43	<i>Flavobacterium silvisoli</i> sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2762-2766.	0.8	6
44	<i>Acidovorax monticola</i> sp. nov., isolated from soil. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1925-1934.	0.7	11
45	Oil-degrading properties of a psychrotolerant bacterial strain, <i>Rhodococcus</i> sp. Y2-2, in liquid and soil media. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 33.	1.7	17
46	<i>Chitinophaga caseinilytica</i> sp. nov., a casein hydrolysing bacterium isolated from forest soil. <i>Archives of Microbiology</i> , 2018, 200, 645-651.	1.0	11
47	Characterization of <i>Flavobacterium aquimarinum</i> sp. nov., a halotolerant bacterium isolated from seawater. <i>Journal of Microbiology</i> , 2018, 56, 317-323.	1.3	9
48	Effective Soil Extraction Method for Cultivating Previously Uncultured Soil Bacteria. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	41
49	<i>Brevundimonas mongoliensis</i> sp. nov., A Novel Psychrotolerant Bacterium Isolated from Oil-Contaminated Soil. <i>Current Microbiology</i> , 2018, 75, 1530-1536.	1.0	11
50	<i>Flavobacterium ureilyticum</i> sp. nov., a novel urea hydrolysing bacterium isolated from stream bank soil. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 2131-2139.	0.7	13
51	Proposal of three novel species of soil bacteria, <i>Variovorax ureilyticus</i> , <i>Variovorax rhizosphaerae</i> , and <i>Variovorax robiniae</i> , in the family Comamonadaceae. <i>Journal of Microbiology</i> , 2018, 56, 485-492.	1.3	19
52	<i>Dyadobacter flavus</i> sp. nov. and <i>Dyadobacter terricola</i> sp. nov., two novel members of the family Cytophagaceae isolated from forest soil. <i>Archives of Microbiology</i> , 2018, 200, 1067-1074.	1.0	29
53	<i>Sphingomonas montis</i> sp. nov., Isolated from Forest Soil of Low-Altitude Mountain. <i>Current Microbiology</i> , 2018, 75, 1299-1305.	1.0	6
54	<i>Nemorella caseinilytica</i> gen. nov., sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 474-481.	0.8	12

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55	<i>Chitinophaga humicola</i> sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 751-757.	0.8	11
56	<i>Altererythrobacter fulvus</i> sp. nov., a novel alkalitolerant alphaproteobacterium isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1502-1508.	0.8	20
57	<i>Fluviicola kyonggii</i> sp. nov., a bacterium isolated from forest soil and emended description of the genus <i>Fluviicola</i> . International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1885-1889.	0.8	30
58	<i>Pinisolibacter ravus</i> gen. nov., sp. nov., isolated from pine forest soil and allocation of the genera <i>Ancalomicrobium</i> and <i>Pinisolibacter</i> to the family <i>Ancalomicrobiaceae</i> fam. nov., and emendation of the genus <i>Ancalomicrobium</i> Staley 1968. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1955-1962.	0.8	35
59	Proposal of <i>Nemorincola</i> gen. nov. to replace the illegitimate prokaryotic genus name <i>Nemorella</i> Chaudhary et al. 2018. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1319-1320.	0.8	9
60	Development of actinobacterial resources for functional cosmetics. Journal of Cosmetic Dermatology, 2017, 16, 243-252.	0.8	10
61	<i>Acinetobacter halotolerans</i> sp. nov., a novel halotolerant, alkalitolerant, and hydrocarbon degrading bacterium, isolated from soil. Archives of Microbiology, 2017, 199, 701-710.	1.0	28
62	A rapid and simple method for identifying bacterial polar lipid components in wet biomass. Journal of Microbiology, 2017, 55, 635-639.	1.3	21
63	<i>Azohydromonas riparia</i> sp. nov. and <i>Azohydromonas ureilytica</i> sp. nov. isolated from a riverside soil in South Korea. Journal of Microbiology, 2017, 55, 330-336.	1.3	22
64	<i>Limnobacter humi</i> sp. nov., a thiosulfate-oxidizing, heterotrophic bacterium isolated from humus soil, and emended description of the genus <i>Limnobacter</i> Spring et al. 2001. Journal of Microbiology, 2017, 55, 508-513.	1.3	26
65	<i>Chryseobacterium nepalense</i> sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 646-652.	0.8	31
66	<i>Noviherbaspirillum agri</i> sp. nov., isolated from reclaimed grassland soil, and reclassification of <i>Herbaspirillum massiliense</i> (Lagier et al., 2014) as <i>Noviherbaspirillum massiliense</i> comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1508-1515.	0.8	21
67	<i>Flavobacterium olei</i> sp. nov., a novel psychrotolerant bacterium isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2211-2218.	0.8	16
68	<i>Massilia agri</i> sp. nov., isolated from reclaimed grassland soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2696-2703.	0.8	16
69	<i>Sphingomonas olei</i> sp. nov., with the ability to degrade aliphatic hydrocarbons, isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2731-2738.	0.8	18
70	<i>Sphingobium naphthae</i> sp. nov., with the ability to degrade aliphatic hydrocarbons, isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2986-2993.	0.8	22
71	Description of <i>Actinokineospora acnipugnans</i> sp. nov., an actinomycete isolated from soil, showing potential uses in cosmetics. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3043-3049.	0.8	7
72	<i>Dyella agri</i> sp. nov., isolated from reclaimed grassland soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4246-4252.	0.8	12

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73	<i>Ramlibacter monticola</i> sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4468-4474.	0.8	14
74	<i>Lysobacter olei</i> sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4660-4666.	0.8	9
75	<i>Pedobacter kyonggii</i> sp. nov., a psychrotolerant bacterium isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 5120-5127.	0.8	11
76	<i>Rurimicrobium arvi</i> gen. nov., sp. nov., a member of the family Chitinophagaceae isolated from farmland soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 5235-5243.	0.8	19
77	<i>Calidifontibacter terrae</i> sp. nov., an actinomycete isolated from soil, with potential applications in cosmetics. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1925-1931.	0.8	5
78	<i>Ravibacter arvi</i> gen. nov., sp. nov., isolated from farmland soil during development of new culture techniques. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 5252-5260.	0.8	8
79	<i>Rhabdobacter roseus</i> gen. nov., sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 308-314.	0.8	28
80	<i>Pedobacter humicola</i> sp. nov., a member of the genus <i>Pedobacter</i> isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2205-2211.	0.8	36
81	<i>Rhodococcus pedocola</i> sp. nov. and <i>Rhodococcus humicola</i> sp. nov., two antibiotic-producing actinomycetes isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2362-2369.	0.8	23
82	Description of <i>Variovorax humicola</i> sp. nov., isolated from a forest topsoil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2520-2527.	0.8	10
83	<i>Niabella pedocola</i> sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2650-2656.	0.8	9
84	<i>Flavobacterium fulvum</i> sp. nov., <i>Flavobacterium pedocola</i> sp. nov. and <i>Flavobacterium humicola</i> sp. nov., three new members of the family Flavobacteriaceae, isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3108-3118.	0.8	17
85	<i>Novosphingobium naphthae</i> sp. nov., from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3170-3176.	0.8	50
86	Description of <i>Novosphingobium flavum</i> sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3642-3650.	0.8	14
87	<i>Massilia pinisoli</i> sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3669-3674.	0.8	14
88	<i>Arvibacter flaviflagrans</i> gen. nov., sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4347-4354.	0.8	44
89	Isolation of marine algicidal bacteria from surface seawater and sediment samples associated with harmful algal blooms in Korea. Korean Journal of Microbiology, 2016, 52, 40-48.	0.2	5
90	<i>Mesorhizobium soli</i> sp. nov., a novel species isolated from the rhizosphere of <i>Robinia pseudoacacia</i> L. in South Korea by using a modified culture method. Antonie Van Leeuwenhoek, 2015, 108, 301-310.	0.7	26

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91	Simple surface foam application enhances bioremediation of oil-contaminated soil in cold conditions. <i>Journal of Hazardous Materials</i> , 2015, 286, 164-170.	6.5	42
92	<i>Streptomyces bambusae</i> sp. nov., Showing Antifungal and Antibacterial Activities, Isolated from Bamboo (Bambuseae) Rhizosphere Soil Using a Modified Culture Method. <i>Current Microbiology</i> , 2015, 71, 658-668.	1.0	9
93	<i>Bacillus polymachus</i> sp. nov., with a broad range of antibacterial activity, isolated from forest topsoil samples by using a modified culture method. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 704-709.	0.8	13
94	<i>Psychrobacillus soli</i> sp. nov., capable of degrading oil, isolated from oil-contaminated soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3046-3052.	0.8	22
95	<i>Aquabacterium olei</i> sp. nov., an oil-degrading bacterium isolated from oil-contaminated soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3597-3602.	0.8	37
96	<i>Bacillus thaonhiensis</i> sp. nov., a New Species, was Isolated from the Forest Soil of Kyonggi University by Using a Modified Culture Method. <i>Current Microbiology</i> , 2014, 68, 88-95.	1.0	29
97	<i>Niabella thaonhiensis</i> sp. nov., Isolated From the Forest Soil of Kyonggi University in Korea. <i>Current Microbiology</i> , 2014, 69, 176-181.	1.0	11
98	Isolation of <i>Paenibacillus pinesoli</i> sp. nov. from forest soil in Gyeonggi-Do, Korea. <i>Journal of Microbiology</i> , 2014, 52, 273-277.	1.3	14
99	<i>Massilia kyonggiensis</i> sp. nov., isolated from forest soil in Korea. <i>Journal of Microbiology</i> , 2014, 52, 378-383.	1.3	20
100	Enhanced isolation and culture of highly efficient psychrophilic oil-degrading bacteria from oil-contaminated soils in South Korea. <i>Journal of Environmental Biology</i> , 2014, 35, 1145-9.	0.2	27
101	<i>Rummeliibacillus suwonensis</i> sp. nov., isolated from soil collected in a mountain area of South Korea. <i>Journal of Microbiology</i> , 2013, 51, 268-272.	1.3	25
102	Cultivation of unculturable soil bacteria. <i>Trends in Biotechnology</i> , 2012, 30, 475-484.	4.9	370
103	Rapid and Specific Detection of <i>Burkholderia glumae</i> in Rice Seed by Real-Time Bio-PCR Using Species-Specific Primers Based on an <i>rhs</i> Family Gene. <i>Plant Disease</i> , 2012, 96, 577-580.	0.7	17
104	Rhizoremediation of diesel-contaminated soil using the plant growth-promoting rhizobacterium <i>Gordonia</i> sp. S2RP-17. <i>Biodegradation</i> , 2011, 22, 593-601.	1.5	92
105	Degradation of hexane and other recalcitrant hydrocarbons by a novel isolate, <i>Rhodococcus</i> sp. EH831. <i>Environmental Science and Pollution Research</i> , 2010, 17, 64-77.	2.7	56
106	Bacteriocin from Purple Nonsulfur Phototrophic Bacteria, <i>Rhodobacter capsulatus</i> . <i>Journal of Bacteriology and Virology</i> , 2009, 39, 269.	0.0	7
107	Rhizosphere Microbial Activity During Phytoremediation of Diesel-Contaminated Soil. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006, 41, 2503-2516.	0.9	30
108	Biofiltration and Inhibitory Interactions of Gaseous Benzene, Toluene, Xylene, and Methyltert-Butyl Ether. <i>Environmental Science &amp; Technology</i> , 2006, 40, 3089-3094.	4.6	47

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109	A simple approach to modeling microbial biomass in the rhizosphere. <i>Ecological Modelling</i> , 2006, 190, 277-286.	1.2	27
110	Characterization of a diesel-degrading bacterium, <i>Pseudomonas aeruginosa</i> IU5, isolated from oil-contaminated soil in Korea. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 381-384.	1.7	42