

Seil Kim

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

3,246
citations

411340

20
h-index

371746

37
g-index

40
all docs

40
docs citations

40
times ranked

4388
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Alphacoronavirus Universal Primers for Genome Amplification and Sequencing. <i>Frontiers in Microbiology</i> , 2022, 13, 789665.	1.5	3
2	Development of SARS-CoV-2 packaged RNA reference material for nucleic acid testing. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1773-1785.	1.9	10
3	A Half-Day Genome Sequencing Protocol for Middle East Respiratory Syndrome Coronavirus. <i>Frontiers in Microbiology</i> , 2021, 12, 602754.	1.5	4
4	Comparison of Digital PCR and Quantitative PCR with Various SARS-CoV-2 Primer-Probe Sets. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 358-367.	0.9	41
5	Nucleic Acid Testing of SARS-CoV-2. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6150.	1.8	42
6	Anticancer Effects of Propionic Acid Inducing Cell Death in Cervical Cancer Cells. <i>Molecules</i> , 2021, 26, 4951.	1.7	20
7	Comparison of 16S rRNA Gene Based Microbial Profiling Using Five Next-Generation Sequencers and Various Primers. <i>Frontiers in Microbiology</i> , 2021, 12, 715500.	1.5	16
8	Comparative Analysis of Primer-Probe Sets for RT-qPCR of COVID-19 Causative Virus (SARS-CoV-2). <i>ACS Infectious Diseases</i> , 2020, 6, 2513-2523.	1.8	111
9	Evaluating Cell Death Using Cell-Free Supernatant of Probiotics in Three-Dimensional Spheroid Cultures of Colorectal Cancer Cells. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	6
10	<i>Kitasatospora acidiphila</i> sp. nov., isolated from pine grove soil, exhibiting antimicrobial potential. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5567-5575.	0.8	15
11	Characterization of the Anti-Cancer Activity of the Probiotic Bacterium <i>Lactobacillus fermentum</i> Using 2D vs. 3D Culture in Colorectal Cancer Cells. <i>Biomolecules</i> , 2019, 9, 557.	1.8	42
12	Complete Genome Sequence of <i>Paenibacillus</i> sp. CAA11: A Promising Microbial Host for Lignocellulosic Biorefinery with Consolidated Processing. <i>Current Microbiology</i> , 2019, 76, 732-737.	1.0	1
13	Complete genome of subsp. KCTC 3135 and variation in cell wall genes of strains. <i>Journal of Microbiology and Biotechnology</i> , 2018, , .	0.9	4
14	Complete Genome of <i>Bacillus subtilis</i> subsp. <i>subtilis</i> KCTC 3135T and Variation in Cell Wall Genes of <i>B. subtilis</i> Strains. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1760-1765.	0.9	6
15	Complete genome sequence of <i>Bacillus</i> sp. 275, producing extracellular cellulolytic, xylanolytic and ligninolytic enzymes. <i>Journal of Biotechnology</i> , 2017, 254, 59-62.	1.9	24
16	<i>Megasphaera hexanoica</i> sp. nov., a medium-chain carboxylic acid-producing bacterium isolated from a cow rumen. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2114-2120.	0.8	57
17	<i>Burkholderia jirisanensis</i> sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1260-1267.	0.8	10
18	Complete genome of <i>Kangiella geojedonensis</i> KCTC 23420T, putative evidence for recent genome reduction in marine environments. <i>Marine Genomics</i> , 2015, 24, 215-217.	0.4	21

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19	Draft Genome Sequence of <i>Bordetella trematum</i> Strain HR18. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
20	Draft Genome Sequence of <i>Acinetobacter</i> sp. HR7, Isolated from Hanwoo, Korean Native Cattle. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
21	<i>Caproiciproducens galactitolivorans</i> gen. nov., sp. nov., a bacterium capable of producing caproic acid from galactitol, isolated from a wastewater treatment plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4902-4908.	0.8	153
22	Dynamic shift in community structures of biofilm-forming bacteria by the pre-treatment systems of seawater reverse osmosis processes. <i>Desalination</i> , 2014, 343, 17-25.	4.0	14
23	A pilot scale two-stage anaerobic digester treating food waste leachate (FWL): Performance and microbial structure analysis using pyrosequencing. <i>Process Biochemistry</i> , 2014, 49, 301-308.	1.8	68
24	Higher thermostability of l-lactate dehydrogenases is a key factor in decreasing the optical purity of d-lactic acid produced from <i>Lactobacillus coryniformis</i> . <i>Enzyme and Microbial Technology</i> , 2014, 58-59, 29-35.	1.6	15
25	Co-culturing a novel <i>Bacillus</i> strain with <i>Clostridium tyrobutyricum</i> ATCC 25755 to produce butyric acid from sucrose. <i>Biotechnology for Biofuels</i> , 2013, 6, 35.	6.2	50
26	Conversion of levulinic acid to 2-butanone by acetoacetate decarboxylase from <i>Clostridium acetobutylicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 5627-5634.	1.7	28
27	Comparison of the Bacterial Communities in Anaerobic, Anoxic, and Oxic Chambers of a Pilot A2O Process Using Pyrosequencing Analysis. <i>Current Microbiology</i> , 2013, 66, 555-565.	1.0	62
28	Discovery and characterization of a thermostable d-lactate dehydrogenase from <i>Lactobacillus jensenii</i> through genome mining. <i>Process Biochemistry</i> , 2013, 48, 109-117.	1.8	20
29	Microbial population dynamics and proteomics in membrane bioreactors with enzymatic quorum quenching. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4665-4675.	1.7	52
30	<i>Oscillibacter ruminantium</i> sp. nov., isolated from the rumen of Korean native cattle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1942-1946.	0.8	59
31	<i>Asticcacaulis solisilvae</i> sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3829-3834.	0.8	17
32	Correlation between microbial community structure and biofouling in a laboratory scale membrane bioreactor with synthetic wastewater. <i>Desalination</i> , 2012, 287, 209-215.	4.0	98
33	<i>Marinifilum fragile</i> gen. nov., sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2241-2246.	0.8	42
34	<i>Clostridium aestuarii</i> sp. nov., from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1315-1317.	0.8	22
35	EzTaxon: a web-based tool for the identification of prokaryotes based on 16S ribosomal RNA gene sequences. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 2259-2261.	0.8	1,960
36	TTSV1, a new virus-like particle isolated from the hyperthermophilic crenarchaeote <i>Thermoproteus tenax</i> . <i>Virology</i> , 2006, 351, 280-290.	1.1	46

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37	<i>Clostridium ganghwense</i> sp. nov., isolated from tidal flat sediment. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 691-693.	0.8	21