

Seil Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8839936/publications.pdf>

Version: 2024-02-01

37
papers

3,246
citations

361413
20
h-index

330143
37
g-index

40
all docs

40
docs citations

40
times ranked

4001
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	1,960
2	<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.	1.7	153
3	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.	3.8	111
4	Correlation between microbial community structure and biofouling in a laboratory scale membrane bioreactor with synthetic wastewater. <i>Desalination</i> , 2012, 287, 209-215.	8.2	98
5	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.	3.7	68
6	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.	2.2	62
7	<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.	1.7	59
8	<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.	1.7	57
9	Microbial population dynamics and proteomics in membrane bioreactors with enzymatic quorum quenching. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4665-4675.	3.6	52
10	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
11	TTSV1, a new virus-like particle isolated from the hyperthermophilic crenarchaeote <i>Thermoproteus tenax</i> . <i>Virology</i> , 2006, 351, 280-290.	2.4	46
12	<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.	1.7	42
13	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.	4.0	42
14	Nucleic Acid Testing of SARS-CoV-2. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6150.	4.1	42
15	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.	2.1	41
16	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.	3.6	28
17	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.	3.8	24
18	<i>Clostridium aestuarii</i> sp. nov., from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1315-1317.	1.7	22

#	ARTICLE	IF	CITATIONS
19	<i>Clostridium ganghwense</i> sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 691-693.	1.7	21
20	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.	1.1	21
21	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.	3.7	20
22	Anticancer Effects of Propionic Acid Inducing Cell Death in Cervical Cancer Cells. <i>Molecules</i> , 2021, 26, 4951.	3.8	20
23	<i>Asticcacaulis solisilvae</i> sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3829-3834.	1.7	17
24	Comparison of 16S rRNA Gene Based Microbial Profiling Using Five Next-Generation Sequencers and Various Primers. <i>Frontiers in Microbiology</i> , 2021, 12, 715500.	3.5	16
25	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.	3.2	15
26	<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.	1.7	15
27	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.	8.2	14
28	<i>Burkholderia jirisanensis</i> sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1260-1267.	1.7	10
29	Development of SARS-CoV-2 packaged RNA reference material for nucleic acid testing. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1773-1785.	3.7	10
30	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, , .	0.3	6
31	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.	2.1	6
32	Draft Genome Sequence of <i>Bordetella trematum</i> Strain HR18. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
33	Draft Genome Sequence of <i>Acinetobacter</i> sp. HR7, Isolated from Hanwoo, Korean Native Cattle. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
34	A Half-Day Genome Sequencing Protocol for Middle East Respiratory Syndrome Coronavirus. <i>Frontiers in Microbiology</i> , 2021, 12, 602754.	3.5	4
35	Complete genome of subsp. KCTC 3135 and variation in cell wall genes of strains. <i>Journal of Microbiology and Biotechnology</i> , 2018, , .	2.1	4
36	Human Alphacoronavirus Universal Primers for Genome Amplification and Sequencing. <i>Frontiers in Microbiology</i> , 2022, 13, 789665.	3.5	3

#	ARTICLE	IF	CITATIONS
37	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.	2.2	1