

Yuh Shiwa

List of Publications by Year in descending order

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54
papers

1,072
citations

471509

17
h-index

454955

30
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56
all docs

56
docs citations

56
times ranked

1863
citing authors

#	ARTICLE	IF	CITATIONS
1	Draft Genome Sequence of the Polychlorinated Biphenyl Degradar <i>Comamonas testosteroni</i> Strain YA22, Isolated from a Natural Landscape in the Tohoku Region of Japan. <i>Microbiology Resource Announcements</i> , 2022, 11, e0080621.	0.6	1
2	Novel heat shock response mechanism mediated by the initiation nucleotide of transcription. <i>Journal of General and Applied Microbiology</i> , 2022, 68, 95-108.	0.7	2
3	Bacterial Community of Water Yam (<i>Dioscorea alata&/i> L.) cv. A-19. <i>Microbes and Environments</i> , 2022, 37, n/a.	1.6	3
4	Antagonism of <i>Bacillus velezensis</i> Isolate from Anaerobically Digested Dairy Slurry against <i>Fusarium</i> Wilt of Spinach. <i>Agronomy</i> , 2022, 12, 1058.	3.0	0
5	Possible clinical outcomes using early enteral nutrition in individuals with allogeneic hematopoietic stem cell transplantation: A single-center retrospective study. <i>Nutrition</i> , 2021, 83, 111093.	2.4	8
6	Acyl-CoA synthetases, Aal4 and Aal7, are involved in the utilization of exogenous fatty acids in <i>Yarrowia lipolytica</i> . <i>Journal of General and Applied Microbiology</i> , 2021, 67, 9-14.	0.7	2
7	Characterization of the microbiota and chemical properties of pork loins during dry aging. <i>MicrobiologyOpen</i> , 2021, 10, e1157.	3.0	6
8	Niche-specific adaptation of <i>Lactobacillus helveticus</i> strains isolated from malt whisky and dairy fermentations. <i>Microbial Genomics</i> , 2021, 7, .	2.0	5
9	Draft genome sequencing of <i>Sporolactobacillus terrae</i> SBT-1, an efficient bacterium to ferment concentrated sugar to d-lactic acid. <i>Archives of Microbiology</i> , 2021, 203, 3577-3590.	2.2	6
10	Identification and structural characterisation of a catecholate-type siderophore produced by <i>Stenotrophomonas maltophilia</i> K279a. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	1.8	3
11	Using pollen DNA metabarcoding to profile nectar sources of urban beekeeping in KÁÅku, Tokyo. <i>BMC Research Notes</i> , 2020, 13, 515.	1.4	17
12	PCR-based screening, isolation, and partial characterization of motile lactobacilli from various animal feces. <i>BMC Microbiology</i> , 2020, 20, 142.	3.3	4
13	Fpr1, a primary target of rapamycin, functions as a transcription factor for ribosomal protein genes cooperatively with Hmo1 in <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2020, 16, e1008865.	3.5	14
14	Comparative Genomic Analysis of Closely Related <i>Acetobacter pasteurianus</i> Strains Provides Evidence of Horizontal Gene Transfer and Reveals Factors Necessary for Thermotolerance. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	17
15	Changed bacterial community in the river water samples upon introduction of biodegradable poly(3-hydroxybutyrate). <i>Polymer Degradation and Stability</i> , 2020, 176, 109144.	5.8	5
16	<i>Rhizobium dioscoreae</i> sp. nov., a plant growth-promoting bacterium isolated from yam (<i>Dioscorea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	15
17	Comparative Analysis of Bacterial Diversity and Community Structure in the Rhizosphere and Root Endosphere of Two Halophytes, <i>Salicornia europaea&/i> and <i>Glaux maritima&/i>, Collected from Two Brackish Lakes in Japan. <i>Microbes and Environments</i> , 2020, 35, n/a.	1.6	11
18	Transcriptome profile of carbon catabolite repression in an efficient l-(+)-lactic acid-producing bacterium <i>Enterococcus mundtii</i> QU25 grown in media with combinations of cellobiose, xylose, and glucose. <i>PLoS ONE</i> , 2020, 15, e0242070.	2.5	3

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19	The genome sequence of <i>Streptomyces rochei</i> 7434AN4, which carries a linear chromosome and three characteristic linear plasmids. <i>Scientific Reports</i> , 2019, 9, 10973.	3.3	32
20	Draft Genome Sequence of <i>Zygosaccharomyces mellis</i> CA-7, Isolated from Honey. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
21	Poly- γ -glutamic acid production of <i>Bacillus subtilis</i> (natto) in the absence of DegQ: A gain-of-function mutation in <i>yabJ</i> gene. <i>Journal of Bioscience and Bioengineering</i> , 2019, 128, 690-696.	2.2	8
22	A novel intracellular dextranase derived from <i>Paenibacillus</i> sp. 598K with an ability to degrade cycloisomaltooligosaccharides. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6581-6592.	3.6	7
23	Stable and efficient delivery of DNA to <i>Bacillus subtilis</i> (natto) using pLS20 conjugational transfer plasmids. <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	3
24	<i>Enterococcus florum</i> sp. nov., isolated from a cotton flower (<i>Gossypium hirsutum</i> L.). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2506-2513.	1.7	10
25	Bacterial Diversity Associated With the Rhizosphere and Endosphere of Two Halophytes: <i>Glaux maritima</i> and <i>Salicornia europaea</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2878.	3.5	73
26	Combined Drug Resistance Mutations Substantially Enhance Enzyme Production in <i>Paenibacillus agaridevorans</i> . <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	13
27	Essentiality of <i>WalRK</i> for growth in <i>Bacillus subtilis</i> and its role during heat stress. <i>Microbiology (United Kingdom)</i> , 2018, 164, 670-684.	1.8	14
28	Effects of <i>Lactobacillus paracasei</i> K71 on gut microbiota composition and lipid metabolism in mice. <i>Japanese Journal of Lactic Acid Bacteria</i> , 2018, 29, 152-157.	0.1	0
29	Δ 12-fatty acid desaturase is involved in growth at low temperature in yeast <i>Yarrowia lipolytica</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 165-170.	2.1	34
30	Genome Mining of Amino Group Carrier Protein-Mediated Machinery: Discovery and Biosynthetic Characterization of a Natural Product with Unique Hydrazone Unit. <i>ACS Chemical Biology</i> , 2017, 12, 124-131.	3.4	29
31	Comparative genomics of <i>Tetragenococcus halophilus</i> . <i>Journal of General and Applied Microbiology</i> , 2017, 63, 369-372.	0.7	18
32	Distribution of human single nucleotide polymorphisms is approximated by the power law and represents a fractal structure. <i>Genes To Cells</i> , 2016, 21, 396-407.	1.2	5
33	Eudistomin C, an Antitumor and Antiviral Natural Product, Targets 40S Ribosome and Inhibits Protein Translation. <i>ChemBioChem</i> , 2016, 17, 1616-1620.	2.6	13
34	Comprehensive identification of translation start sites by tetracycline-inhibited ribosome profiling. <i>DNA Research</i> , 2016, 23, 193-201.	3.4	83
35	Population Evolution of <i>Helicobacter pylori</i> through Diversification in DNA Methylation and Interstrain Sequence Homogenization. <i>Molecular Biology and Evolution</i> , 2016, 33, 2848-2859.	8.9	29
36	Growth and sporulation defects in <i>Bacillus subtilis</i> mutants with a single <i>rrn</i> operon can be suppressed by amplification of the <i>rrn</i> operon. <i>Microbiology (United Kingdom)</i> , 2016, 162, 35-45.	1.8	7

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37	EliA is required for inducing the stearyl alcohol-mediated expression of secretory proteins and production of polyester in <i>Ralstonia</i> sp. NT80. <i>Microbiology (United Kingdom)</i> , 2016, 162, 408-419.	1.8	0
38	Comparative genomics of <i>Fructobacillus</i> spp. and <i>Leuconostoc</i> spp. reveals niche-specific evolution of <i>Fructobacillus</i> spp.. <i>BMC Genomics</i> , 2015, 16, 1117.	2.8	53
39	Strigolactone Regulates Anthocyanin Accumulation, Acid Phosphatases Production and Plant Growth under Low Phosphate Condition in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2015, 10, e0119724.	2.5	50
40	Microevolution of Virulence-Related Genes in <i>Helicobacter pylori</i> Familial Infection. <i>PLoS ONE</i> , 2015, 10, e0127197.	2.5	23
41	A novel subpopulation of <i>Salmonella enterica</i> serovar <i>Infantis</i> strains isolated from broiler chicken organs other than the gastrointestinal tract. <i>Veterinary Microbiology</i> , 2015, 175, 312-318.	1.9	28
42	Transcriptional regulation of xylose utilization in <i>Enterococcus mundtii</i> QU 25. <i>RSC Advances</i> , 2015, 5, 93283-93292.	3.6	4
43	Plant Raf-like kinase integrates abscisic acid and hyperosmotic stress signaling upstream of SNF1-related protein kinase2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6388-96.	7.1	137
44	Genome Sequences of Three Strains of <i>Lactobacillus paracasei</i> of Different Origins and with Different Cholera Sensitivities. <i>Genome Announcements</i> , 2015, 3, .	0.8	3
45	<i>Bacillus subtilis</i> degSU operon is regulated by the ClpXP-Spx regulated proteolysis system. <i>Journal of Biochemistry</i> , 2015, 157, 321-330.	1.7	14
46	Genome-Wide DNA Polymorphisms in Seven Rice Cultivars of Temperate and Tropical Japonica Groups. <i>PLoS ONE</i> , 2014, 9, e86312.	2.5	30
47	Draft Genome Sequence of the Versatile Alkane-Degrading Bacterium <i>Aquabacterium</i> sp. Strain NJ1. <i>Genome Announcements</i> , 2014, 2, .	0.8	16
48	Complete Genome Sequence of <i>Bifidobacterium longum</i> 105-A, a Strain with High Transformation Efficiency. <i>Genome Announcements</i> , 2014, 2, .	0.8	16
49	Defect in the Formation of 70S Ribosomes Caused by Lack of Ribosomal Protein L34 Can Be Suppressed by Magnesium. <i>Journal of Bacteriology</i> , 2014, 196, 3820-3830.	2.2	64
50	Complete Genome Sequence of <i>Enterococcus mundtii</i> QU 25, an Efficient L-(+)-Lactic Acid-Producing Bacterium. <i>DNA Research</i> , 2014, 21, 369-377.	3.4	22
51	Phylogenetic and population genetic analysis of <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Infantis</i> strains isolated in Japan using whole genome sequence data. <i>Infection, Genetics and Evolution</i> , 2014, 27, 62-68.	2.3	24
52	Multiple rRNA operons are essential for efficient cell growth and sporulation as well as outgrowth in <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , 2013, 159, 2225-2236.	1.8	52
53	Identification of Laboratory-Specific Variations of <i>Bacillus subtilis</i> Strains Used in Japan. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 2073-2076.	1.3	8
54	Whole-Genome Profiling of a Novel Mutagenesis Technique Using Proofreading-Deficient DNA Polymerase $\hat{\epsilon}$. <i>International Journal of Evolutionary Biology</i> , 2012, 2012, 1-8.	1.0	25