

Yi-Rui Yin

List of Publications by Year in descending order

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32
papers

609
citations

687363

13
h-index

642732

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32
all docs

32
docs citations

32
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic inference of the metabolism and evolution of the archaeal phylum Aigarchaeota. <i>Nature Communications</i> , 2018, 9, 2832.	12.8	108
2	Diversity of Culturable Thermophilic Actinobacteria in Hot Springs in Tengchong, China and Studies of their Biosynthetic Gene Profiles. <i>Microbial Ecology</i> , 2016, 72, 150-162.	2.8	55
3	<i>Thermus caliditerrae</i> sp. nov., a novel thermophilic species isolated from a geothermal area. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 650-656.	1.7	54
4	Heterologous expression and characterization of a novel halotolerant, thermostable, and alkali-stable GH6 endoglucanase from <i>Thermobifida</i> halotolerans. <i>Biotechnology Letters</i> , 2015, 37, 857-862.	2.2	32
5	Network-directed efficient isolation of previously uncultivated <i>Chloroflexi</i> and related bacteria in hot spring microbial mats. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 20.	6.4	27
6	<i>Geothermomicrobium terrae</i> gen. nov., sp. nov., a novel member of the family <i>Thermoactinomycetaceae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2998-3004.	1.7	20
7	<i>Crenobacter luteus</i> gen. nov., sp. nov., isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 214-219.	1.7	19
8	Cloning, expression and characterization of a novel GH5 exo/endoglucanase of <i>Thermobifida</i> halotolerans YIM 90462T by genome mining. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 644-649.	2.2	18
9	<i>Hymenobacter mucosus</i> sp. nov., isolated from a karst cave soil sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4121-4127.	1.7	18
10	Purification and characterization of a novel and versatile α -amylase from thermophilic <i>Anoxybacillus</i> sp. YIM 342. <i>Starch/Staerke</i> , 2016, 68, 446-453.	2.1	17
11	The Hybrid Strategy of <i>Thermoactinospira rubra</i> YIM 77501T for Utilizing Cellulose as a Carbon Source at Different Temperatures. <i>Frontiers in Microbiology</i> , 2017, 8, 942.	3.5	17
12	Expression and Characteristics of Two Glucose-Tolerant GH1 β -glucosidases From <i>Actinomadura amylolytica</i> YIM 77502T for Promoting Cellulose Degradation. <i>Frontiers in Microbiology</i> , 2018, 9, 3149.	3.5	17
13	High RPS11 level in hepatocellular carcinoma associates with poor prognosis after curative resection. <i>Annals of Translational Medicine</i> , 2020, 8, 466-466.	1.7	16
14	<i>Crenalkalicoccus roseus</i> gen. nov., sp. nov., a thermophilic bacterium isolated from alkaline hot springs. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2319-2326.	1.7	16
15	<i>Novosphingobium meiothermophilum</i> sp. nov., isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1737-1743.	1.7	15
16	A robust 6-mRNA signature for prognosis prediction of pancreatic ductal adenocarcinoma. <i>International Journal of Biological Sciences</i> , 2019, 15, 2282-2295.	6.4	14
17	Expression and characterization of a cold-adapted, salt- and glucose-tolerant GH1 β -glucosidase obtained from <i>Thermobifida</i> halotolerans and its use in sugarcane bagasse hydrolysis. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1245-1253.	4.6	14
18	<i>Rehabacterium terrae</i> gen. nov., sp. nov. isolated from a geothermally heated soil sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4058-4063.	1.7	13

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19	Physiological and genomic properties of <i>Thermus tenuipunicus</i> sp. nov., a novel slight reddish color member isolated from a terrestrial geothermal spring. <i>Systematic and Applied Microbiology</i> , 2018, 41, 611-618.	2.8	12
20	Association of matrix metalloprotease 1, 3, and 12 polymorphisms with rheumatic heart disease in a Chinese Han population. <i>BMC Medical Genetics</i> , 2018, 19, 27.	2.1	12
21	<i>Cecembia rubra</i> sp. nov., a thermophilic bacterium isolated from a hot spring sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2118-2123.	1.7	11
22	Purification and properties of a SDS-resistant xylanase from halophilic <i>Streptomonospora</i> sp. YIM 90494. <i>Cellulose</i> , 2013, 20, 1947-1955.	4.9	10
23	Expression and characterisation of a pH and salt tolerant, thermostable and xylose tolerant recombinant GH43 β -xylosidase from <i>Thermobifida halotolerans</i> YIM 90462T for promoting hemicellulose degradation. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 339-350.	1.7	10
24	<i>Brevibacillus sediminis</i> sp. nov., isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 548-553.	1.7	10
25	<i>Meiothermus terrae</i> sp. nov., isolated from a geothermally heated soil sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 794-798.	1.7	9
26	<i>Thermus caldilimi</i> sp. nov., a thermophilic bacterium isolated from a geothermal area. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 1767-1774.	1.7	9
27	Characterization of a neutral recombinant xylanase from <i>Thermoactinospira rubra</i> YIM 77501T. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 429-436.	1.7	8
28	Clinical significance of herpes virus entry mediator expression in hepatitis B virus-related hepatocellular carcinoma. <i>Oncology Letters</i> , 2020, 20, 19.	1.8	8
29	High-quality draft genome sequence of the <i>Thermus amyloliquefaciens</i> type strain YIM 77409T with an incomplete denitrification pathway. <i>Standards in Genomic Sciences</i> , 2016, 11, 20.	1.5	7
30	Characterization of a Cu ²⁺ , SDS, alcohol and glucose tolerant GH1 β -glucosidase from <i>Bacillus</i> sp. CGMCC 1.16541. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1467-1477.	1.7	7
31	Characterization of an alkali-tolerant, thermostable, and multifunctional GH5 family endoglucanase from <i>Thermoactinospira rubra</i> YIM 77501T for prebiotic production. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 3399-3408.	4.6	4
32	Insight derived from molecular dynamics simulation into cold-adaptation mechanism of trypsins. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2768-2776.	3.5	2