

Chong, Chun Shiong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Energy consumption trends and their linkages with renewable energy policies in East and Southeast Asian countries: Challenges and opportunities. <i>Sustainable Environment Research</i> , 2018, 28, 257-266.	2.1	109
2	Recent discoveries and applications of <i>Anoxybacillus</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1475-1488.	1.7	94
3	Analysis of <i>Anoxybacillus</i> Genomes from the Aspects of Lifestyle Adaptations, Prophage Diversity, and Carbohydrate Metabolism. <i>PLoS ONE</i> , 2014, 9, e90549.	1.1	56
4	The explosive-degrading cytochrome P450 XplA: Biochemistry, structural features and prospects for bioremediation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 230-236.	1.1	49
5	Transdermal Delivery of Crocin Using Bacterial Nanocellulose Membrane. <i>Fibers and Polymers</i> , 2019, 20, 2025-2031.	1.1	32
6	Energy generation from palm oil mill effluent: A life cycle assessment of two biogas technologies. <i>Energy</i> , 2020, 191, 116513.	4.5	28
7	Production of Lignocellulolytic Enzymes by Microorganisms Isolated from <i>Bulbitermes</i> sp. Termite Gut in Solid-State Fermentation. <i>Waste and Biomass Valorization</i> , 2016, 7, 357-371.	1.8	27
8	Microbial diversity of thermophiles with biomass deconstruction potential in a foliage-rich hot spring. <i>MicrobiologyOpen</i> , 2018, 7, e00615.	1.2	27
9	Characterizing a Halo-Tolerant GH10 Xylanase from <i>Roseithermus sacchariphilus</i> Strain RA and Its CBM-Truncated Variant. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2284.	1.8	26
10	Characterization of detergent compatible protease from halophilic <i>Virgibacillus</i> sp. CD6. <i>3 Biotech</i> , 2018, 8, 104.	1.1	24
11	<i>Vitellibacter aquimaris</i> sp. nov., a marine bacterium isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3662-3668.	0.8	21
12	Genomic analysis of a lignocellulose degrading strain from the underexplored genus <i>Meridianimaribacter</i> . <i>Genomics</i> , 2020, 112, 952-960.	1.3	20
13	Heterologous expression, purification and biochemical characterization of a new endo-1,4-β-xylanase from <i>Rhodothermaceae</i> bacterium RA. <i>Protein Expression and Purification</i> , 2019, 164, 105464.	0.6	18
14	Biovanillin: production concepts and prevention of side product formation. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 589-609.	2.9	18
15	Current Status and Potential Applications of Underexplored Prokaryotes. <i>Microorganisms</i> , 2019, 7, 468.	1.6	17
16	Proposal to reclassify <i>Roseivirga ehrenbergii</i> (Nedashkovskaya et al., 2008) as <i>Roseivirga seohaensis</i> comb. nov., description of <i>Roseivirga seohaensis</i> subsp. <i>aquiponti</i> subsp. nov. and emendation of the genus <i>Roseivirga</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 5537-5543.	0.8	17
17	Analysis of the <i>xplAB</i> -Containing Gene Cluster Involved in the Bacterial Degradation of the Explosive Hexahydro-1,3,5-Trinitro-1,3,5-Triazine. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6601-6610.	1.4	16
18	Isolation and characterisation of locally isolated <i>Gluconacetobacter xylinus</i> BCZM sp. with nanocellulose producing potentials. <i>IET Nanobiotechnology</i> , 2018, 12, 52-56.	1.9	15

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19	Complete genome sequence of Rhodothermaceae bacterium RA with cellulolytic and xylanolytic activities. 3 Biotech, 2018, 8, 376.	1.1	14
20	Robertkochia solimangrovi sp. nov., isolated from mangrove soil, and emended description of the genus Robertkochia. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1769-1776.	0.8	13
21	One-Step Conversion of Lemongrass Leaves Hydrolysate to Biovanillin by Phanerochaete chrysosporium ATCC 24725 in Batch Culture. Waste and Biomass Valorization, 2020, 11, 4067-4080.	1.8	11
22	Genome analysis of cellulose and hemicellulose degrading Micromonospora sp. CP22. 3 Biotech, 2020, 10, 160.	1.1	9
23	Characterization of aluminum resistant <i>Anoxybacillus</i> sp. SK 3-4 isolated from a hot spring. Journal of Basic Microbiology, 2015, 55, 514-519.	1.8	7
24	Genome sequence of Roseivirga sp. strain D-25 and its potential applications from the genomic aspect. Marine Genomics, 2016, 28, 29-31.	0.4	7
25	Global transcriptomic response of <i>Anoxybacillus</i> sp. SK 3-4 to aluminum exposure. Journal of Basic Microbiology, 2017, 57, 151-161.	1.8	7
26	Insights into microbial community structure and diversity in oil palm waste compost. 3 Biotech, 2019, 9, 364.	1.1	6
27	Draft genome sequence of Vitellibacter vladivostokensis KMM 3516T: A protease-producing bacterium. Marine Genomics, 2015, 23, 49-50.	0.4	5
28	Genome sequence of an uncharted halophilic bacterium Robertkochia marina with deciphering its phosphate-solubilizing ability. Brazilian Journal of Microbiology, 2021, 52, 251-256.	0.8	5
29	Biofilm-coated macrocomposites for the treatment of high strength agricultural wastewater. Desalination and Water Treatment, 2016, 57, 3424-3429.	1.0	3
30	Draft genome sequence of Vitellibacter aquimaris D-24 T isolated from seawater. Brazilian Journal of Microbiology, 2018, 49, 10-12.	0.8	3
31	Genome sequence data of Mangrovimonas sp. strain CR14 isolated from mangrove forest at Tanjung Piai National Park, Malaysia. Data in Brief, 2020, 30, 105658.	0.5	3
32	Application of Statistical Experimental Design for Optimization of Novel Î±-amylase Production by Anoxybacillus Species. Journal of Biological Sciences, 2013, 13, 605-613.	0.1	3
33	Physical and antioxidative responses of Orthosiphon stamineus towards various copper and lead concentrations. Chemical Speciation and Bioavailability, 2015, 27, 106-111.	2.0	2
34	Genomic analyses of five Roseivirga species: Insights into marine adaptation. Marine Genomics, 2018, 38, 97-101.	0.4	2
35	Draft genome sequence of Parvularcula flava strain NH6-79ÂT, revealing its role as a cellulolytic enzymes producer. Archives of Microbiology, 2020, 202, 2591-2597.	1.0	2
36	Global Transcriptomic Responses of Roseithermus sacchariphilus Strain RA in Media Supplemented with Beechwood Xylan. Microorganisms, 2020, 8, 976.	1.6	2

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37	Isolation and Characterization of Metal and Antibiotic Resistant Psychrotrophic Bacteria from Refrigerated Spoiled Food. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.3	1
38	ANTIMICROBIAL ACTIVITY OF COPPER KAOLINITE AND SURFACTANT MODIFIED COPPER KAOLINITE AGAINST GRAM POSITIVE AND GRAM NEGATIVE BACTERIA. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	1
39	SIMULTANEOUS ADSORPTION AND ANTIBACTERIAL ACTIVITIES OF SURFACTANT-MODIFIED KAOLINITE. Jurnal Teknologi (Sciences and Engineering), 2020, 82, .	0.3	1
40	Recent Advances in Utilizing Omics Approach to Identify the Bioactive Peptides and Ripening Metabolism in Plant-based Food. Protein and Peptide Letters, 2022, 29, 379-383.	0.4	1
41	ISOLATION AND CHARACTERIZATION OF BIOTECHNOLOGY RELEVANT BACTERIA FROM MARINE ENVIRONMENT. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.3	0
42	Revealing the Potential of Xylanase from a New Halophilic Microbulbifer sp. CL37 with Paper De-Inking Ability. Arabian Journal for Science and Engineering, 0, , 1.	1.7	0