

Choon Pin Foong

List of Publications by Year in descending order

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19
papers

303
citations

840776

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h-index

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19
times ranked

429
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineered Mutants of a Marine Photosynthetic Purple Nonsulfur Bacterium with Increased Volumetric Productivity of Polyhydroxyalkanoate Bioplastics. <i>ACS Synthetic Biology</i> , 2022, 11, 909-920.	3.8	5
2	Microbial prospection of an Amazonian blackwater lake and whole-genome sequencing of bacteria capable of polyhydroxyalkanoate synthesis. <i>Polymer Journal</i> , 2021, 53, 191-202.	2.7	2
3	Draft Whole-Genome Sequence of <i>Bacillus paramycoides</i> LB_RP2, a Putative Polyhydroxyalkanoate-Producing Bacterium Isolated from an Amazonian Blackwater River. <i>Microbiology Resource Announcements</i> , 2021, 10, e0043821.	0.6	0
4	Plastics to fertilizers: chemical recycling of a bio-based polycarbonate as a fertilizer source. <i>Green Chemistry</i> , 2021, 23, 9030-9037.	9.0	12
5	Complete Genome Sequence of a Novel Polyhydroxyalkanoate (PHA) Producer, <i>Jeongeupia</i> sp. USM3 (JCM 19920) and Characterization of Its PHA Synthases. <i>Current Microbiology</i> , 2020, 77, 500-508.	2.2	11
6	Peptide-Mediated Gene Transfer into Marine Purple Photosynthetic Bacteria. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8625.	4.1	5
7	Evaluation of BP-M-CPF4 polyhydroxyalkanoate (PHA) synthase on the production of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) from plant oil using <i>Cupriavidus necator</i> transformants. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 250-257.	7.5	34
8	Polyhydroxyalkanoate (PHA) synthase genes and PHA-associated gene clusters in <i>Pseudomonas</i> spp. and <i>Janthinobacterium</i> spp. isolated from Antarctica. <i>Journal of Biotechnology</i> , 2020, 313, 18-28.	3.8	31
9	A marine photosynthetic microbial cell factory as a platform for spider silk production. <i>Communications Biology</i> , 2020, 3, 357.	4.4	20
10	Optimal iron concentrations for growth-associated polyhydroxyalkanoate biosynthesis in the marine photosynthetic purple bacterium <i>Rhodovulum sulfidophilum</i> under photoheterotrophic condition. <i>PLoS ONE</i> , 2019, 14, e0212654.	2.5	17
11	Biosynthesis and characterization of co and ter-polyesters of polyhydroxyalkanoates containing high monomeric fractions of 4-hydroxybutyrate and 5-hydroxyvalerate via a novel PHA synthase. <i>Polymer Degradation and Stability</i> , 2019, 163, 122-135.	5.8	13
12	Characterisation of <i>Pseudanabaena amphigranulata</i> (Synechococcales) isolated from a man-made pond, Malaysia: a polyphasic approach. <i>Journal of Applied Phycology</i> , 2018, 30, 3187-3196.	2.8	6
13	A novel and wide substrate specific polyhydroxyalkanoate (PHA) synthase from unculturable bacteria found in mangrove soil. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	21
14	Identification and phenotypic plasticity of <i>Pseudanabaena catenata</i> from the Svalbard archipelago. <i>Polish Polar Research</i> , 2017, 38, 445-458.	0.9	6
15	Discovery of a new polyhydroxyalkanoate synthase from limestone soil through metagenomic approach. <i>Journal of Bioscience and Bioengineering</i> , 2016, 121, 355-364.	2.2	12
16	RNA-Seq Analysis Provides Insights for Understanding Photoautotrophic Polyhydroxyalkanoate Production in Recombinant <i>Synechocystis</i> Sp.. <i>PLoS ONE</i> , 2014, 9, e86368.	2.5	32
17	Whole genome amplification approach reveals novel polyhydroxyalkanoate synthases (PhaCs) from Japan Trench and Nankai Trough seawater. <i>BMC Microbiology</i> , 2014, 14, 318.	3.3	19
18	First identification of <i>Ganoderma boninense</i> isolated from Sabah based on PCR and sequence homology. <i>African Journal of Biotechnology</i> , 2011, 10, .	0.6	27

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19	Metagenomic analyses of the dominant bacterial community in the Fildes Peninsula, King George Island (South Shetland Islands). <i>Polar Science</i> , 2010, 4, 263-273.	1.2	30