Choon Pin Foong

List of Publications by Year
in descending order

19	303	840776 11	888059 17
papers	citations	h-index	g-index

19	19	19	429
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of BP-M-CPF4 polyhydroxyalkanoate (PHA) synthase on the production of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) from plant oil using Cupriavidus necator transformants. International Journal of Biological Macromolecules, 2020, 159, 250-257.	7.5	34
2	RNA-Seq Analysis Provides Insights for Understanding Photoautotrophic Polyhydroxyalkanoate Production in Recombinant Synechocystis Sp.. PLoS ONE, 2014, 9, e86368.	2.5	32
3	Polyhydroxyalkanoate (PHA) synthase genes and PHA-associated gene clusters in Pseudomonas spp. and Janthinobacterium spp. isolated from Antarctica. Journal of Biotechnology, 2020, 313, 18-28.	3.8	31
4	Metagenomic analyses of the dominant bacterial community in the Fildes Peninsula, King George Island (South Shetland Islands). Polar Science, 2010, 4, 263-273.	1.2	30
5	First identification of Ganoderma boninense isolated from Sabah based on PCR and sequence homology. African Journal of Biotechnology, 2011, 10, .	0.6	27
6	A novel and wide substrate specific polyhydroxyalkanoate (PHA) synthase from unculturable bacteria found in mangrove soil. Journal of Polymer Research, 2018, 25, 1.	2.4	21
7	A marine photosynthetic microbial cell factory as a platform for spider silk production. Communications Biology, 2020, 3, 357.	4.4	20
8	Whole genome amplification approach reveals novel polyhydroxyalkanoate synthases (PhaCs) from Japan Trench and Nankai Trough seawater. BMC Microbiology, 2014, 14, 318.	3.3	19
9	Optimal iron concentrations for growth-associated polyhydroxyalkanoate biosynthesis in the marine photosynthetic purple bacterium Rhodovulum sulfidophilum under photoheterotrophic condition. PLoS ONE, 2019, 14, e0212654.	2.5	17
10	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. Polymer Degradation and Stability, 2019, 163, 122-135.	5.8	13
11	Discovery of a new polyhydroxyalkanoate synthase from limestone soil through metagenomic approach. Journal of Bioscience and Bioengineering, 2016, 121, 355-364.	2.2	12
12	Plastics to fertilizers: chemical recycling of a bio-based polycarbonate as a fertilizer source. Green Chemistry, 2021, 23, 9030-9037.	9.0	12
13	Complete Genome Sequence of a Novel Polyhydroxyalkanoate (PHA) Producer, Jeongeupia sp. USM3 (JCM 19920) and Characterization of Its PHA Synthases. Current Microbiology, 2020, 77, 500-508.	2.2	11
14	Identification and phenotypic plasticity of Pseudanabaena catenata from the Svalbard archipelago. Polish Polar Research, 2017, 38, 445-458.	0.9	6
15	Characterisation of Pseudanabaena amphigranulata (Synechococcales) isolated from a man-made pond, Malaysia: a polyphasic approach. Journal of Applied Phycology, 2018, 30, 3187-3196.	2.8	6
16	Peptide-Mediated Gene Transfer into Marine Purple Photosynthetic Bacteria. International Journal of Molecular Sciences, 2020, 21, 8625.	4.1	5
17	Engineered Mutants of a Marine Photosynthetic Purple Nonsulfur Bacterium with Increased Volumetric Productivity of Polyhydroxyalkanoate Bioplastics. ACS Synthetic Biology, 2022, 11, 909-920.	3.8	5
18	Microbial prospection of an Amazonian blackwater lake and whole-genome sequencing of bacteria capable of polyhydroxyalkanoate synthesis. Polymer Journal, 2021, 53, 191-202.	2.7	2

#	Article	IF	Citations
19	Draft Whole-Genome Sequence of Bacillus paramycoides LB_RP2, a Putative Polyhydroxyalkanoate-Producing Bacterium Isolated from an Amazonian Blackwater River. Microbiology Resource Announcements, 2021, 10, e0043821.	0.6	0