



	Publications	Name of Researchers
1.	Influence of Culture Temperature on the Growth, Biochemical Composition and Fatty Acid Profiles of Six Antarctic Microalgae.	Chu Wan Loy , Teoh Ming Li , Harvey Marchant , Phang Siew Moi
2.	GPS Precipitable Water Vapour Measurements at Scott Base and McMurdo Station Antarctica during the Major Storm of 2003	Zainol Abidin Abdul Rashid,Wayan Suparta, Mazlan Othman , Mohd. Alauddin Mohd Ali & Baharudin Yatim
3.	Comparing the response of Antarctic, tropical and temperate microalgae to ultraviolet radiation (UVR) stress.	Wong Chiew Yen, Chu Wan Loy, Harvey Marchant, & Phang Siew Moi
4.	Freshwater Algae Community of a Meltwater Runnel, Reeve Hill, Casey Station, Antarctica	Faradina Merican, Wan Maznah Wan Omar, Wan Asmadi Wan Ahmad, Mashhor Mansor
5.	Observations of Antarctic precipitable water vapor and its response to the solar activity based on GPS sensing.	Wayan Suparta, Zainol Abidin Abdul Rashid, Mohd. Alauddin Mohd Ali, Baharudin Yatim & Grahame J. Fraser
6.	Antarctica: bioprospecting, access and benefit-sharing of genetic resources.	Abdul Hamid Zakri
7.	Antarctic bacteria inhibit the growth of pathogens.	Clemente Michael Wong Vui Ling, Chung Hui Hui, Aisyah, S., Omar, S., Cheah Yoke Kqueen , Maria de, L.G., & Moreano, H. A.
8.	Strong wind events in the Antarctic.	John Turner, Sheeba Nettukandy Chenoli, Azizan Abu Samah, Gareth Marshall, Tony Phillips, & Andrew Orr
9.	Analysis of GPS-sensed atmospheric water vapour variability and its response to the terrestrial winds over Antarctica	Wayan Suparta, Mohd Alauddin Mohd Ali, Baharudin Yatim & Grahame J. Fraser
10.	Impact of a Katabatic wind on GPS PWV measurements at Scott Base Station, Antarctica.	Wayan Suparta, Azizan Abu Samah & Harper, A. R.
11.	Isolation and characterization of an acrylamide-degrading Antarctic bacterium.	Mohd Yunus Shukor, Neni Gusmanizar, Ramli Johari, Nor Aripin Shamaan, Walter Patricio MacCormack, & Mohd Arif Syed
12.	Isolation and characterization of a Pseudomonas diesel-degrading strain from Antarctica.	Mohd Yunus Shukor, Nor Ayshah Alia Ali Hassan, Arif Jusoh, Perumal Nagar, Shamaan, N. A., MacCormack, W. P., & Mohd Arif Syed
13.	Comparison of diversity of microfungi in ornithogenic soils from Beaufort Island, continental Antarctica and Barrientos Island, maritime Antarctica.	Suhaila Omar, Siti Aisyah Alias, Jerzy Smykla, Moreano, H., Guerra, M. L., & Chin Yun Ming
14.	Observations of travelling ionospheric disturbances during storm events over Antarctica.	Mohammad Awad Momani, Baharudin Yatim, Mohd Alauddin Mohd Ali & Mardina Abdullah
15.	Model development of microwave remote sensing of sea ice.	Lee Yu Jen, Horng Jau Yap, Lim Kee Keong, Ewe Hong Tat, & Chuah Hean Teik

16.	Identification of Lipase- Producing Psychrophilic Yeast, <i>Leucosporidium</i> sp.	Fatimah Azzahra Ahmad Rashid, Rashidah Abdul Rahim , Darah Ibrahim
17.	Surface coverage and some soil chemicals properties at Punta Fort William, Greenwich Island, Antarctica.	Hii Yii Siang , Siti Aisyah Alias, Azhar Hussin, Mohammad Pauzi bin Zakaria, Moreano, H, Monica Riofrio, Cardenas, W., & Ordonez, N.
18.	Geographic information system mapping in Pedro Vicente Maldonado Ecuadorian Scientific Station Antarctica Base (Greenwich Island) Antarctic Peninsular.	Rosmadi Fauzi., Salazar, D. M., Mohd Rosli Md Kadzim, Burbano, L., & Azhar Hussin
19.	Influence of nitrogen source on the growth and biochemical composition of an antarctic chlorella.	Chu Wan Loy, Phang Siew Moi, Lim, S. L., Teoh Ming Li, & Wong Chiew Yen
20.	DGGE fingerprinting of bacteria in soils from eight ecologically different sites around Casey Station, Antarctica.	Chong Chiew Yen, Tan Geok Yuan Annie, Wong Richard Chee Seng, Riddle M. J., & Irine Tan Kit Ping
21.	Environmental influences on bacterial diversity of soils on Signy Island, maritime Antarctic.	Chong Chun Wie, Michael J. Dunn, Peter Convey, Tan Geok Yuan Annie, Wong Richard Chee Seng , & Irine Tan Kit Ping
22.	Isolation and rapid identification of streptomonospora, a strictly halophilic filamentous actinomycetes from antarctic soil (Barrientos Island, Antarctic).	Cheah Yoke Kqueen, Lee Learn Han, Son Radu, Clemente Michael Wong Vui Ling & Andrade, H. M.
23.	Effects of nitrate, phosphate, temperature and light-dark cycle on algal growth potential of <i>Chlorococcum</i> sp. from Reeve Hill, Antarctica	Masdialily Dahlan , Wan Maznah Wan Omar, Faradina Merican, Masshor Mansor
24.	High levels of spatial heterogeneity in the biodiversity of soil prokaryotes on Signy Island, Antarctica.	Chong Chun Wie, David Pearce, Peter Convey, Tan Geok Yuan Annie, Wong Richard Chee Seng, & Irine Tan Kit Ping
25.	Metagenomic analyses of the dominant bacterial community in the Fildes Peninsula, King George Island (South Shetland Islands).	Choon Pin Foong, Clemente Michael Wong Vui Ling, & González, M.
26.	Effect of temperature change on the physiology and biochemistry of algae: a review.	Teoh Ming Li, Chu Wan Loy, Phang Siew Moi.
27.	Using a global positioning system to estimate precipitable water vapor in Antarctica.	Wayan Suparta
28.	Using GPS PWV as a new approach to correlate solar-induced on Antarctic climate.	Wayan Suparta
29.	Solar forcing on Antarctic terrestrial climate: A study by means of GPS observations.	Wayan Suparta, Baharudin Yatim & Mohd Alauddin Mohd Ali
30.	Extracellular hydrolase enzyme production by soil fungi from King George Island, Antarctica.	Abiramy Krishnan, Siti Aisyah Alias, Clemente Michael Wong Vui Ling, Pang Ka-Lai., & Peter Convey
31.	<i>Pseudomonas</i> and <i>Pedobacter</i> isolates from King George Island inhibited the growth of foodborne pathogens.	Clemente Michael Wong Vui Ling, Tam Heng Keat, Siti Aisyah Alias, Gonzalez, M., Gerardo, G. R., & Mariana, D. Y.
32.	Phenelfamycins G and H, new elfamycin-type antibiotics produced by <i>Streptomyces albospinus</i> Acta 3619.	Brotz E., Kulik A., Vikineswary Sabaratnam, Lim C., Tan Geok Yuan Annie, Zinecker H., Imhoff J.F., Paululat T. and Fiedler H-P.

33.	Assessment of bacterial community patterns from ecologically distinct Antarctic soil environments (Doctoral dissertation, University of Malaya)	Chong Chun Wie
34.	Differential gene expression of an Antarctic <i>Chlorella</i> in response to temperature stress.	Chong, G. L, Chu Wan Loy, Othman, R. Y., & Phang Siew Moi
35.	Effect of Ultraviolet radiation (UVR) on the Tropical Microalgae <i>Chlorella vulgaris</i> .	Wong Chiew Yen, Teoh Ming Li, Phang Siew Moi and Chu Wan Loy
36.	Assessment of soil bacterial communities on Alexander Island (in the maritime and continental Antarctic transitional zone)	Chong Chun Wie, Peter Convey, David Pearce, & Irine Tan Kit Ping
37.	The identification of environmental parameters which could influence soil bacterial community composition on the Antarctic Peninsula-a statistical approach.	Chong Chun Wie, David Pearce, Peter Convey & Irine Tan Kit Ping
38.	Patterns in the distribution of soil bacterial 16S rRNA gene sequences from different regions of Antarctica.	Chong Chun Wie, David Pearce, Peter Convey, Yew Wen Chyin, Irine Tan Kit Ping
39.	Polyhydroxyalkanoate production by antarctic soil bacteria isolated from Casey Station and Signy Island.	Goh Yuh Shan, & Irine Tan Kit Ping
40.	Detection of a katabatic wind event with GPS meteorology measurements at Scott Base Antarctica.	Wayan Suparta
41.	Identification of actinomycete communities in Antarctic soil from Barrientos Island using PCR-denaturing gradient gel electrophoresis.	Lee Learn Han, Cheah Yoke Kqueen, Shiran Mohd Sidik, Clemente Michael Wong Vui Ling, Nurul Syakima Abdul Mutalib, Radu Son, & Andrade, H. M.
42.	Thermal stress responses in Antarctic yeast, <i>Glaciozyma antarctica</i> PI12, characterized by real-time quantitative PCR	Sook Yee Boo, Clemente Michael Wong Vui Ling, Rodrigues, Nazalan Najimudin ,
43.	Diversity of microfungi in orthogenic soils from Beaufort Island, continental Antarctica.	Siti Aisyah Alias, Smykla, J., Chin Yun Ming ., Rizman-Idid, M., & Peter Convey
44.	A climatology of strong wind events at McMurdo station, Antarctica.	Sheeba Nettukandy Chenoli, John Turner, Azizan Abu Samah
45.	Spatial pattern in Antarctica: what can we learn from Antarctic bacterial isolates?	Chong Chun Wie, Goh Yuh Shan, Peter Convey, David Pearce & Irine Tan Kit Ping
46.	Studies on diversity of soil microfungi in the Hornsund area, Spitsbergen.	Siti Hafizah, Siti Aisyah Alias, Hii Yii Siang, Jerzy Smykla, Pang Ka-Lai, Sheng-Yu Guo, & Peter Convey
47.	Characterization of Afp1, an Antifreeze Protein from the Psychrophilic Yeast <i>Glaciozyma antarctica</i> PI12	Noor Haza Fazlin Hashim, Izwan Bharudin, Douglas Law Sie Nguong, Sakura Higa, Farah Diba Abu Bakar, Sheila Nathan, Amir Rabu, Hidehisa Kawahara, Rosli Md. Illias, Nazalan Najimudin, Nor Muhammad Mahadi, Abdul Munir Abdul Murad
48.	Study of the climatic teleconnection between the Siberian high and maritime continent warm pool.	Nor, M. F. F. B. M., & Samah, A. B. A.
49.	Diversity and bioactivity of actinomycetes from Signy Island terrestrial soils, maritime Antarctic.	Shing Yi Pan , Tan Geok Yuan Annie, Peter Convey, david Pearce, & Irine Tan Kit Ping
50.	Bacterial diversity from Schirmacher Oasis, Antarctica.	Leelatulasi Salwoom, Tan Geok Yuan Annie, & Irine Tan Kit Ping

51.	Remote sensing of Antarctic ozone depletion using GPS meteorology	Wayan Suparta, Noor Faizatul Abu Bakar, & Mardina Abdullah
52.	Response of Antarctic, temperate, and tropical microalgae to temperature stress.	Teoh Ming Li, Phang, S. M., & Chu Wan Loy
53.	Characterisation of a cryptic plasmid from an Antarctic bacterium <i>Pedobacter cryoconitis</i> strain BG5.	Clemente Michael Wong Vui Ling, Tam Heng Kiat, Ng, W. M., Boo, S. Y., & González, M.
54.	A comparative analysis of β -mannanases of bacteria from Antarctica and Malaysia.	Clemente Michael Wong Vui Ling, Tam Heng Kiat & Yong, H. Y.
55.	Psychrotrophic Lipase Producers from Arctic Soil and Sediment Samples	Rosilawati Mohd Rasol, Rashidah Abdul Rahim, Siti Nur Nazuha R., J/ Smykla, Wan Maznah Wan Omar, Siti Aishah Alias
56.	A roadmap for Antarctic and Southern Ocean science for the next two decades and beyond.	Kennicutt II, M. C., Chown, S. L., Cassano, J. J., Liggett, D., Peck, L. S., Massom, R., Rintoul, S. R., Storey, J., Vaughan, D. G., Wilson, T. J., Allison, I., Ayton, J., Badhe, R., Baesemann, J., Barrett, P. J., Bell, R. E., Bertler, N., Bo, S., Brandt, A., Bromwich, D., Cary, S. C., Clark, M. S., Convey, P., Costa, E. S., Cowan, D., DeConto, R., Dunbar, R., Elfring, C., Escutia, C., Francis, J., Fricker, H. A., Fukuchi, M., Gilbert, N., Gutt, J., Havermans, C., Hik, D., Hosie, G., Jones, C., Kim, Y. D., Le Maho, Y., Lee, S. H., Leppe, M., Leitchenkov, G., Li, X., Lipenkov, V., Lochte, K., López-Martínez, J., Lüdecke, C., Lyons, W., Marensi, S., Miller, H., Morozova, P., Naish, T., Nayak, S., Ravindra, R., Retamales, J., Ricci, C. A., Rogan-Finnemore, M., Ropert-Coudert, Y., Samah, A. A., Sanson, L., Scambos, T., Schloss, I. R., Shiraishi, K., Siegert, M. J., Simões, J. C., Storey, B., Sparrow, M. D., Wall, D. H., Walsh, J. C., Wilson, G., Winther, J. G., Xavier, J. C., Yang, H. and Sutherland, W. J.
57.	Analyses of soil bacterial diversity of the Schirmacher Oasis, Antarctica.	Teo, J. K. C., & Clemente Michael Wong Vui Ling
58.	Influence of temperature on amylase and cellulase activity from polar and tropical soil microfungi	Abiramy Krishnan, Peter Convey, Marcelo Gonzalez Aravena, Jerzy Smykla, Siti Aisyah Alias
59.	Production of extracellular hydrolase enzymes by fungi from King George Island	Abiramy Krishnan, Peter Convey, Gerardo Gonzalez-Rocha, Siti Aisyah Alias
60.	Response of enzyme activity from soil microfungi from polar region due to temperature change	Abiramy Krishnan, Siti Aisyah Alias, Hafizah Ali, Peter Convey, Jerzy Smykla, Marcelo Gonzalez Aravena
61.	Temperature influence on extra-cellular enzyme production by soil microfungi from different latitudes	Abiramy Krishnan, Peter Convey, Marcelo Gonzalez Aravena, Siti Aisyah Alias

62.	Thermal responses of polar soil microfungal enzyme activity	Abiramy Krishnan
63.	Isolation of Microfungi from Arctic and Antarctic Soils and Their Identification using ITS, LSU and SSU Sequences	Mohammed Rizman-Idid, Abiramy Krishna, Jerzy Smykla, Siti Aisyah Alias
64.	Bacterial community composition in Adélie (<i>Pygoscelis adeliae</i>) and Chinstrap (<i>Pygoscelis antarctica</i>) penguin stomach contents from Signy Island, South Orkney Islands	Yew Wen Chyin et al
65.	Do bacteria derived from penguin guts and deposited guano have a profound effect on the surrounding soil microbiota?	Yew Wen Chyin et al