

LIST OF PUBLICATIONS PRODUCED BY YPASM GRANT RECIPIENTS SINCE 2013 WITH NO OF CITATION AND INDEX
TOTAL NUMBER OF PUBLICATIONS: 46
AS OF 1 JULY 2020

No.	Name of Researcher	Research Support	No.	Citation	Index (Scopus, ESCI / ISI)	No. of Citation
1	Dr. Abiramy Krishnan	Fellowship 2013	1.	Idid, M.R.; Krishna, A.; Smykla, J.; Alias, S.A. (2014) Isolation of microfungi from Arctic and Antarctic soils and their identification using ITS, LSU and SSU sequences. In: <i>The Arctic Biodiversity Congress</i> , 02-04 Dec 2014, Trondheim, Norway.	-	0
			2.	Krishnan, A., Convey, P., Gonzalez-Rocha, G and Alias, S. A. (2016). Production of extracellular hydrolase enzymes by fungi from King George Island. <i>Polar Biology</i> 39, 65–76.	Scopus	9
			3.	Abneuf, Mohammed A.; Khrishnan, Abiramy; Aravena, Marcelo Gonzalez; Pang, Ka-Lai; Convey, Peter; Alias, Siti Aisyah. (2016) Antimicrobial activity of microfungi from maritime Antarctic soil. <i>Czech Polar Reports</i> , 6 (2). 141-154. https://doi.org/10.5817/CPR2016-2-13	Scopus	2
			4.	Krishnan, A., Convey, P., Gonzalez, M. et al. Effects of Temperature on Extracellular Hydrolase Enzymes from Soil Microfungi <i>Polar Biol</i> (2018) 41: 537. https://doi.org/10.1007/s00300-017-2215-z	Scopus	3
2	Dr. Wan Mohd Rauhan Wan Hussin	Fellowship 2013	5.	Moon, Hye-Won & Wan Hussin, Wan Mohd Rauhan & Kim, Hyun-Cheol & Ahn, In-Young. (2015). The impacts of climate change on Antarctic nearshore mega-epifaunal benthic assemblages in a glacial fjord on King George Island: Responses and implications. <i>Ecological Indicators</i> . 57. 10.1016/j.ecolind.2015.04.031.	Scopus	5
			6.	Wan Hussin W. M. R., 2016 Comparing the structure and function of the Antarctic and Tropic benthic Communities following environmental changes. <i>AACL Bioflux</i> 9(6):1244-1250.	Scopus	1
3	Dr. Chong Chun Wie	Fellowship 2013	7.	Chong, C., Pearce, D. A., & Convey, P. (2015). Emerging spatial patterns in Antarctic prokaryotes. <i>Frontiers in Microbiology</i> , 6. doi:10.3389/fmicb.2015.01058	Scopus	1
			8.	Supramaniam, Y., Chong, C., Silvaraj, S., & Tan, I. K. (2016). Effect of short term variation in temperature and water content on the bacterial community in a tropical soil. <i>Applied Soil Ecology</i> , 107, 279-289. doi:10.1016/j.apsoil.2016.07.003	Scopus	13
			9.	Chong, C. W., Silvaraj, S., Supramaniam, Y., Snape, I., & Tan, I. K. (2018). Effect of temperature on bacterial community in petroleum hydrocarbon-contaminated and uncontaminated Antarctic soil. <i>Polar Biology</i> , 41(9), 1763-1775. doi:10.1007/s00300-018-	Scopus	4

				2316-3		
4.	Ms. Jacqueline Yong Sheau Ting	Fellowship 2014	10.	Lavin, P.L., Yong, S.T., Wong, C.M.V.L., De Stefano, M. (2016) Isolation and characterization of Antarctic psychrotroph <i>Streptomyces</i> sp. strain INACH3013 28: 433. <i>Antarctic Science (Volume 28 issue 6)</i> https://doi.org/10.1017/S0954102016000250	-	6
			11	Lavin, P.L., Yong, S.T., Wong, C.M.V.L., Perez, A.R.G., Dorador, C. (2017) The trade-off between antimicrobial production and growth of an Antarctic psychrotroph <i>Streptomyces</i> sp. strain INACH3013 29: 427. <i>Antarctic Science (Volume 29 issue 5)</i> https://doi.org/10.1017/S0954102017000141	-	1
5.	Ms. Yew Wen Chyin	Fellowship 2014 & 2015	12.	Yew, W. C., Pearce, D. A., Dunn, M. J., Samah, A. A., & Convey, P. (2017). Bacterial community composition in Adélie (<i>Pygoscelis adeliae</i>) and Chinstrap (<i>Pygoscelis antarctica</i>) Penguin stomach contents from Signy Island, South Orkney Islands. <i>Polar Biology</i> , 40(12), 2517-2530. doi:10.1007/s00300-017-2162-8,	Scopus	4
		Berth Support 2-13/2014	13.	Yew, W. C., Pearce, D. A., Dunn, M. J., Adlard, S., Alias, S. A., Samah, A. A., & Convey, P. (2017). Links between bacteria derived from penguin guts and deposited guano and the surrounding soil microbiota. <i>Polar Biology</i> , 41(2), 269-281. doi:10.1007/s00300-017-2189-x, https://doi.org/10.1007/s00300-017-2189-x	Scopus	3
6.	Ms. Dang Nguk Ling	Fellowship 2016	14	Chu, W., Dang, N., Kok, Y., Yap, K. I., Phang, S., & Convey, P. (2018). Heavy metal pollution in Antarctica and its potential impacts on algae. <i>Polar Science</i> . doi:10.1016/j.polar.2018.10.004 https://doi.org/10.1016/j.polar.2018.10.004	Scopus	4
7	Prof. Dr. Mohd Basyaruddin Abdul Rahman	Research Grant 2013	15.	Rahman, M. B., Aidaasmawi, A., Abdulmalek, E., & Salleh, A. B. (2016). Tailoring Peptidomimetics Antifreeze Protein From Exotic Antarctic Marine. <i>Malaysian Journal of Analytical Science</i> , 20 (3), 477-483. doi:10.17576/mjas-2016-2003-03 http://dx.doi.org/10.17576/mjas-2016-2003-03	-	0
			16.	Khan, M., Yusof, L. M., Rahman, M. B., Bakar, M. Z., & Mm, N. (2018). Histological and ultrastructural studies of rat skin tissues cryopreserved in α -HELIX Antarctic yeast oriented anti-freeze peptide (Afp1m). <i>Cryobiology</i> , 80, 179. doi:10.1016/j.cryobiol.2017.10.099 http://mjm.msm.org.my/current_issues.php?jtype=1&journal=MJM-13-1-12&article=MJM-0004-2017	-	0
			17.	Rahman, M. B., Asmawi, A, A. (2016). Downsizing Antifreeze Proteins to Antifreeze Peptides from Antarctica Inhabitants. <i>Journal of Biotechnology & Biomaterials</i>	-	0

				doi: 10.4172/2155-952X.C1.055		
8.	Dr. Mohd Shahrul Mohd Nadzir	Research Grant 2014	18.	Nadzir, M.S.M., Ashfold, M.J., Khan, M.F. et al., Spatial-temporal variations in surface ozone over Ushuaia and Antarctic Region: observations from in situ measurements, satellite data and global models (2017), <i>Environmental Science and Pollution Research</i> 25: 2194. https://doi.org/10.1007/s11356-017-0521-1	ISI	1
			19.	Nadzir, M. S., Khan, M. F., Suparta, W., & Zainudin, S. K. (2017). Comparison of In situ Observation, NOAA-AIRS Satellite and MACC Model on Surface Ozone Over the Ushuaia, Southern Ocean and Antarctic Peninsula Region. <i>Space Science and Communication for Sustainability</i> ,37-45. doi:10.1007/978-981-10-6574-3_4	ISI	1
9.	Assoc. Prof. Dr. Cheah Yoke Kqueen	Research Grant 2014	20.	Rosandy, A. R., Nadarajah, W., Bakar, M. A., Kqueen, C. Y., Mohd. Said, M. I., Al Muqarrabun, L. M. R., & Khalid, R. (2016). New indolizidine alkaloids from psychrophilic yeast <i>Glycozyma antarctica</i> PI12. <i>Malaysian Journal of Analytical Sciences</i> , 20(5), 971-977. DOI: 10.17576/mjas-2016-2005-01	-	0
10.	Prof. Sr. Dr. Mazlan Hashim	Research Grant 2015	21.	Pour, Amin & Park, Yongcheol & Hashim, Mazlan & Hong, Jong. (2018). Regional geological mapping in Northern Victoria Land, Antarctica using multispectral remote sensing satellite data. <i>IOP Conference Series: Earth and Environmental Science</i> . 169. 012081. 10.1088/1755-1315/169/1/012081 .	Scopus	0
			22.	Pour, A. B., Hashim, M., Hong, J. K., & Park, Y. (2017). Lithological and alteration mineral mapping in poorly exposed lithologies using Landsat-8 and ASTER satellite data: North-eastern Graham Land, Antarctic Peninsula. <i>Ore Geology Reviews</i> . doi:10.1016/j.oregeorev.2017.07.018	Scopus	4
			23.	Pour, A. B., Park, Y., Park, T. S., Hong, J. K., Hashim, M., Woo, J., & Ayoobi, I. (2018). Regional geology mapping using satellite-based remote sensing approach in Northern Victoria Land, Antarctica. <i>Polar Science</i> , 16, 23-46. doi:10.1016/j.polar.2018.02.004	Scopus	5
			24.	Hashim, M., Misbari, S., Reba, N. M., Abdul-Wahab, M. F., Pour, A. B., Said, M. F., . . . Soeed, K. (2016). Mapping snow-algae in Antarctic Peninsula with multi-temporal satellite remote sensing data. <i>2016 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)</i> . doi:10.1109/igarss.2016.7730360	Scopus	0
			25.	Pour, A. B., Hashim, M., & Hong, J. K. (2016). Application Of Multispectral Satellite Data For Geological Mapping In Antarctic Environments. <i>ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> ,XLII-4/W1, 77-81. doi:10.5194/isprs-archives-4-1-77-2016	Scopus	0

11.	Ms. Yogabaanu Uluganathan	Berth Support 2013/2014	26.	Yogabaanu, U., Weber, J. F. F., Convey, P., Rizman-Idid, M., & Alias, S. A. (2017). Antimicrobial properties and the influence of temperature on secondary metabolite production in cold environment soil fungi. <i>Polar Science</i> . DOI: 10.1016/j.polar.2017.09.005	-	7
			27.	Hughes, K., Misiak, M., Ulaganathan, Y., & Newsham, K. (2018). Importation of psychrotolerant fungi to Antarctica associated with wooden cargo packaging. <i>Antarctic Science</i> , 30(5), 298-305. doi:10.1017/S0954102018000329	-	2
12.	Assoc. Prof. Dr. Siti Aqlima Ahmad	Berth Support 2016/2017	28.	Lee, G.L.Y., Ahmad, S., Yasid, N.A. et al. Biodegradation of phenol by cold-adapted bacteria from Antarctic soils, <i>Polar Biology</i> (2018) 41: 553. https://doi.org/10.1007/s00300-017-2216-y	Scopus	9
			29.	Zakaria, N.N., Ahmad, S.A., Yin, G.L.L., Yasid, N.A., Manogaran, M., Subramaniam, K., Tengku Mazuki, T.A., Nawawi, N.M. and Shukor, M.Y. (2018), Biodegradation of phenol by Antarctic bacterium <i>Rhodococcus baikonurensis</i> strain AQ5-001 in the presence of heavy metals, <i>Malaysian Journal of Biochemistry & Molecular Biology</i> (Volume 21, issue 3) MJBMB 3: 29-36	Scopus	1
			30.	Ahmad, S.A., Asokan, G., Yasid, N.A., Nawawi, N.M., Subramaniam, K., Zakaria, N.N. and Shukor, M.Y. (2018), Effect of heavy metals on biodegradation of phenol by Antarctic bacterium: <i>Arthrobacter bambusae</i> strain AQ5-003, <i>Malaysian Journal of Biochemistry & Molecular Biology</i> (Volume 21, issue 2 MJBMB 2: 47-51	Scopus	3
			31.	Subramaniam, Kavilasni & Ahmad, Siti Aqlima & Shaharuddin, Noor. (2020). Mini review on phenol biodegradation in Antarctica using native microorganisms. <i>Asia Pacific Journal of Molecular Biology and Biotechnology</i> . 77-89. DOI: 10.35118/apjmbb.2020.028.1.08. (Open Access)	Scopus	0
			32.	Statistical optimisation of growth conditions and diesel degradation by the Antarctic bacterium, <i>Rhodococcus</i> sp. strain AQ5-07 (2020), Roslee, A.F.A., Zakaria, N.N., Convey, P., (...), Gomez-Fuentes, C., Ahmad, S.A. <i>Extremophiles</i> DOI: https://doi.org/10.1007/s00792-019-01153-0	Scopus	0
			33.	Kinetic studies of marine psychrotolerant microorganisms capable of degrading diesel in the presence of heavy metal, (2020), Zakaria, N.N. and Roslee, A.F.A. and Gomez, Claudio and Zulkharnain, A. and Abdulrasheed, M. and Sabri, S. and Ramirez-Moreno, N. and Calisto, Nancy and Ahmad, Siti Aqlima, Volume (19), <i>Revista Mexicana de Ingeniería Química</i> , DOI: 10.24275/rmiq/Bio1072	-	0

13.	Dr.Foong Swee Yeok	Research Grants 2013	34.	Yeok, F. S., Ashfold, M. J., Khan, M. F., Robinson, A. D., Bolas, C., Latif, M. T., . . . Sasso, N. D. (2017). Spatial-temporal variations in surface ozone over Ushuaia and the Antarctic region: Observations from in situ measurements, satellite data, and global models. <i>Environmental Science and Pollution Research</i> ,25(3), 2194-2210. doi:10.1007/s11356-017-0521-1	ISI	2
			35.	Goh, T. L., Foong, S. Y., Nadzir, M. S., Rafek, A. G., Serasa, A. S., Hussin, A., . . . Mazlan, N. A. (2017). Uniaxial Compressive Strength of Antarctic Peninsula Rocks: Schmidt Hammer Rebound Test. <i>Sains Malaysiana</i> ,46(5), 677-684. doi:10.17576/jsm-2017-4605-01	ISI	1
14.	Dr. Mohamad Huzaimy Jusoh	Research Grant 2014	36.	Juhari, K., Kasran, F., & Jusoh, M. (2018). Investigation of underground resistivity measurement at King Sejong Station, Antarctic. <i>Journal of Fundamental and Applied Sciences</i> ,9(5S), 498. doi:10.4314/jfas.v9i5s.35	ISI	0
15.	Dr. Mai Chun Wai	Fellowship 2015	37.	Tiong, J. J. L., Loo, J. S. E., & Mai, C.-W. (2016). Global Antimicrobial Stewardship: A Closer Look at the Formidable Implementation Challenges. [Perspective]. <i>Frontiers in Microbiology</i> , 7(1860). doi: 10.3389/fmicb.2016.01860	Scopus	17
16.	Dr. Noor Faizul Hardy	Research Grant 2015	38.	Latip, M.A.A, Mohamad, M.A.N., Yusof, F., Hamid, A.A.A., & Nordin, N.F.H () Microbial Hydrolytic Enzymes: <i>In silico</i> studies between Polar and Tropical Regions, <i>Polar Science</i>	Scopus	1
			39.	Latip, M.A.A., & Nordin, N.F.H., (), Antarctica as New Sources for Halal Industrial Enzymes, <i>Malaysian Journal of Fundamental and Applied Sciences</i>	ESCI	0
			40.	Latip, M.A.A., Nordin, N.F.H., Alias, S.A., Smykla, J., Yusof, F., & Muhammad, M.A.N., () Discovery of Cold-Active Protease from Antarctic Region for Bio-Prospecting, <i>Pakistan Journal of Biotechnology</i>	Scopus	0
17.	Dr. Leelatulasi Salwoom	Fellowship 2013	41.	Salwoom, L., Rahman, R. A., Zaliha, R. N., Salleh, A. B., Convey, P., Pearce, D., & Shukuri, M. (2019). Isolation, Characterisation, and Lipase Production of a Cold-Adapted Bacterial Strain Pseudomonas sp. LSK25 Isolated from Signy Island, Antarctica. <i>Molecules</i> , 24(4), 715 doi: https://doi.org/10.3390/molecules24040715 Impact factor:3.098, Q2	-	1
			42.	Salwoom, L., Rahman, R. A., Zaliha, R. N., Salleh, A. B., Convey, P., Ali, M., & Shukuri, M. (2019). New Recombinant Cold-Adapted and Organic Solvent Tolerant Lipase from Psychrophilic Pseudomonas sp. LSK25, Isolated from Signy Island Antarctica. <i>International Journal of Molecular Sciences</i> , 20(6), 1264.	-	2

List of Publications Produced by YPASM Grant Recipients since 2013

Total No. of Publications: 46

As of 1 July 2020

				Doi: https://doi.org/10.3390/ijms20061264 Impact factor: 3.689, Q2		
18.	Prof Dr. Raja Noor Zaliha Raja Abd Rahman	Research Grant 2017	43.	Garba L, Mohamad Yussoff MA, Abd Halim KB, Ishak SNH, Mohamad Ali MS, Oslan SN, Raja Abd. Rahman RNZ. (2018). Homology modeling and docking studies of a $\Delta 9$ -fatty acid desaturase from a Cold-tolerant <i>Pseudomonas</i> sp. AMS8. <i>PeerJ</i> 6:e4347 https://doi.org/10.7717/peerj.4347	Scopus	3
19.	Dr. Faradina Merican binti Mohd Sidik Merican	Research Grant 2016 / Fellowship 2017	44.	Radzi R, Muangmai N, Broady P, Wan Omar WM, Lavoue S, et al. (2019) <i>Nodosilinea signiensis</i> sp. nov. (Leptolyngbyaceae, Synechococcales), a new terrestrial cyanobacterium isolated from mats collected on Signy Island, South Orkney Islands, Antarctica. <i>PLOS ONE</i> 14(11): e0224395. https://doi.org/10.1371/journal.pone.0224395	Scopus	0
			45.	Zaki, Syazana & Merican, Faradina & Muangmai, Narongrit & Convey, Peter & Broady, Paul. (2020). Discovery of microcystin-producing <i>Anagnostidinema pseudacutissimum</i> from cryopreserved Antarctic cyanobacterial mats. <i>Harmful Algae</i> . 93. 101800. DOI: 10.1016/j.hal.2020.101800.	-	0
20.	Prof. Dato' Dr. Azizan Abu Samah/Dr. Sheeba Nettukandy Chenoli	Research Grant 2017	46.	Siti Syairah Atiqah Azhar, Sheeba Nettukandy Chenoli, Azizan Abu Samah, Seong-Joong Kim, <i>Polar Science</i> (2020) The linkages between Antarctic sea ice extent and Indian summer monsoon rainfall, https://doi.org/10.1016/j.polar.2020.100537	-	-