## DAVID WILKINS

Peer-reviewed publications

- **D. Wilkins**, M. H. Y. Leung, and P. K. H. Lee. *Microbiota fingerprints lose individually identifying features over time*. Microbiome, 2017, 5:6477. doi:10.1186/s40168-016-0209-7
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- **D. Wilkins**, X.-Y. Lu, Z. Shen, J. Chen, and P. K. H. Lee. *Pyrosequencing of mcrA and archaeal 16S rRNA genes reveals diversity and substrate preference of anaerobic digester methanogen communities.* Applied and Environmental Microbiology, 2015, 81:604–613. doi:10.1128/AEM.02566-14
- **D. Wilkins**, E. van Sebille, S. R. Rintoul, F. M. Lauro, and R. Cavicchioli. *Advection shapes Southern Ocean microbial assemblages independent of distance and environment effects*. Nature Communications, 2013. doi:10.1038/ncomms3457
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- M. Cai, **D. Wilkins**, J. Chen, S. K. Ng, H. Lu, Y. Jia, P. K. H. Lee *Metagenomic reconstruction of key anaerobic digestion pathways in municipal sludge and industrial wastewater biogas-Producing systems.* Frontiers in Microbiology, 2016, 7(e99221):70. doi:10.3389/fmicb.2016.00778
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- M. H. Y. Leung, **D. Wilkins**, E. K. T. Li, F. K. F. Kong, and P. K. H. Lee. *Diversity and dynamics of the indoor air microbiome in an urban subway network*. Applied and Environmental Microbiology, 2014. doi:10.1128/AEM.02244-14
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- D. Wilkins. Learn R Programming. Video course. Packt Publishing, Birmingham, United Kingdom, 2017.
- **D. Wilkins**. *Advanced Tools and Techniques beyond base R*. Video course. Packt Publishing, Birmingham, United Kingdom, 2017.
- K. S. Siddiqui, T. J. Williams, **D. Wilkins**, S. Yau, M. A. Allen, M. V. Brown, F. M. Lauro, and R. Cavicchioli. *Psychrophiles.* Annual Review of Earth and Planetary Sciences, 2013, 41:87-115.
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## Conference abstracts

- **D. Wilkins**, M. H. Y. Leung, and P. K. H. Lee. *Household surface microbial assemblages are shaped by human-associated groups.* 15<sup>th</sup> International Symposium on Microbial Ecology, Seoul, Korea. August 24–29 2014.
- **D. Wilkins**, F. M. Lauro, T. J. Williams, and R. Cavicchioli. *Biogeographic partitioning of Southern Ocean picoplankton*. 14<sup>th</sup> International Symposium on Microbial Ecology, Copenhagen, Denmark. August 19–24 2012.
- M. H. Y. Leung, **D. Wilkins**, and P. K. H. Lee. *Comparison of bacterial microbiomes in Hong Kong urban household aerosols.* 15<sup>th</sup> International Symposium on Microbial Ecology, Seoul, Korea. August 24–29 2014.
- R. Cavicchioli, F. M. Lauro, M. Z. DeMaere, T. J. Williams, M. V. Brown, S. Yau and **D. Wilkins**. *Microbial ecology of Antarctic aquatic ecosystems determined using metagenomics and metaproteomics*. 14<sup>th</sup> International Symposium on Microbial Ecology, Copenhagen, Denmark. August 19–24 2012.
- R. Cavicchioli, F. M. Lauro, M. Z. DeMaere, T. J. Williams, M. V. Brown, S. Yau and **D. Wilkins**. *Extremophiles in Antarctica: insight into adaptation, evolution and ecosystem function of cold aquatic systems using metagenomics and metaproteomics*. 9<sup>th</sup> International Congress on Extremophiles, Sevilla, Spain. September 10–13 2012.