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Qualifications

Biotechnology, MSc, Center for Microbial Communities
Award Date: 29 Jun 2018
Environmental biotechnology, PhD, Per Halkjær Nielsen LAB
2019 → ...

Research outputs

MiDAS 5: Global diversity of bacteria and archaea in anaerobic digesters

Dueholm, M. K. D., Andersen, K. S., Korntved, A. K. C., Rudkjøbing, V., Alves, M., Bajón-Fernández, Y., Batstone, D., Butler, C., Cruz, M. C., Davidsson, Å., Erijman, L., Holliger, C., Koch, K., Kreuzinger, N., Lee, C., Lyberatos, G., Mutnuri, S., O'Flaherty, V., Oleskowicz-Popiel, P. & Pokorna, D. & 9 others, Rajal, V., Recktenwald, M., Rodríguez, J., Saikaly, P. E., Tooker, N., Vierheilig, J., De Vrieze, J., Wurzbacher, C. & Nielsen, P. H., 25 Jun 2024, In: Nature Communications. 15, 5361.

Anaerobic Digesters at WWTPs: factors affecting stability and community composition revealed by time series analyses
Korntved, A.-K. C., Jiang, C. & Nielsen, P. H., 2022, (Unpublished).

Anaerobic Digesters at WWTPs: factors affecting stability and community composition revealed by time series analyses.
Korntved, A.-K. C., Jiang, C. & Nielsen, P. H., 2022, (Unpublished).

MiDAS: Microbial Database for Activated Sludge and Anaerobic Digesters - "Know your microbes!"
The Danish MiDAS Team, 2022.

Time series analyses of Anaerobic Digesters at WWTPs reveal factors affecting community composition
Korntved, A.-K. C., Jiang, C. & Nielsen, P. H., 2022, (Unpublished).

Den Mikrobiologiske Database MiDAS går globalt og "online"
Nielsen, P. H., Hove Hansen, S., Korntved, A.-K. C. & Nierychlo, M. A., Oct 2021, In: Spildevand. 4, 21, p. 45-46

Time series analyses of Anaerobic Digesters at WWTPs reveal factors affecting community composition
Korntved, A.-K. C., Jiang, C. & Nielsen, P. H., 2021, (Unpublished).

Time series analyses of anaerobic digesters at WWTPs reveal high stability and factors affecting community composition.
Korntved, A.-K. C., Jiang, C. & Nielsen, P. H., 2021, (Unpublished).

Identification of novel foam-forming microbes in full-scale mesophilic digester at a wastewater treatment plant
Jiang, C., Yashiro, E., Petersen, A.-K. C. & Nielsen, P. H., 24 Jun 2019.

Projects

MIDAS: Microbial Database for Activated Sludge and Anaerobic Digesters

Nielsen, P. H. (PI), Nierychlo, M. A. (Project Coordinator), Hove Hansen, S. (Project Coordinator), Dueholm, M. K. D. (Project Participant), Xu, Y. (Project Participant), Petersen, A.-K. C. (Project Participant), Jiang, C. (Project Participant) & Andersen, K. S. (Project Participant)
01/01/2006 → ...

MIDAS Sweden: The microbial database for Swedish wastewater treatment plants and digesters

Nielsen, P. H. (PI), Hove Hansen, S. (Project Coordinator), Nierychlo, M. A. (Project Participant), Petersen, A.-K. C. (Project Participant) & Andersen, K. S. (Project Participant)
01/07/2020 → ...

Activities

NORDIWA 2021

Korntved, A.-K. C. (Participant)
28 Sept 2021