

**Full List of Peer-Reviewed Articles**

6. Hodgskiss, LH, Melcher M, Kerou M, Chen W, Ponce-Toledo RI, Savvides SN, Wienkoop S, Hartl M, Schleper C. (2023) Unexpected complexity of the ammonia monooxygenase in archaea. **ISME Journal** 17(4): 588-599. DOI: 10.1038/s41396-023-01367-3.
5. Meslé M, Hodgskiss LH, Barnhart E, Dobeck L, Eldring J, Hiebert R, Cunningham A, Phillips A, Gerlach R, Fields MW. (2023) Pressurized upflow reactor system for the bioconversion of coal to methane: Investigation of the coal/sand interface effect. **Cleaner Chemical Engineering** 5:100099. DOI: [10.1016/j.clce.2023.100099](https://doi.org/10.1016/j.clce.2023.100099).
4. Melcher M, Hodgskiss LH, Mardini MA, Schleper C, Rittmann SKMR. (2023) Analysis of biomass productivity and physiology of *Nitrososphaera viennensis* grown in continuous culture. **Frontiers in Microbiology** 14:1076342. DOI: 10.3389/fmicb.2023.1076342.
3. Reyes C, Hodgskiss LH, Kerou M, Pribasniig T, Abby SS, Bayer B, Kraemer SM, Schleper C. (2020) Genome wide transcriptomic analysis of the soil ammonia oxidizing archaeon *Nitrososphaera viennensis* upon exposure to copper limitation. **ISME Journal** 14(11): 2659-2674. DOI:10.1038/s41396-020-0715-2.
2. Reyes C, Hodgskiss LH, Baars O, Kerou M, Bayer B, Schleper C, Kraemer SM. (2020) Copper limiting threshold in the terrestrial ammonia oxidizing archaeon *Nitrososphaera viennensis*. **Research in Microbiology** 171(3-4): 134-142. DOI: 10.1016/j.resmic.2020.01.003.
1. Hodgskiss LH, Nagy J, Barnhart EP, Cunningham AB, Fields MW. (2016) Cultivation of a native alga for biomass and biofuel accumulation in coal bed methane production water. **Algal Research** 19: 63-68. DOI: [10.1016/j.algal.2016.07.014](https://doi.org/10.1016/j.algal.2016.07.014).