

Full List of Peer-reviewed articles

114. Bassani D, Zink IA, Pribasnig T, Wolfinger MT, Romagnoli A, Resch A, Schleper C, Blasi U, La Teana A (2019) Indications for a moonlighting function of translation factor aIF5A in the crenarchaeum *Sulfolobus solfataricus*. **RNA Biology** 16(5):675-685. Doi: 10.1080/15476286.2019.1582953
113. Čapek P, Manzoni S, Kaštovská E, Wild B, Diáková K, Bárta J, Schneckner J, Biasi C, Martikainen PJ, Alves RJE, Guggenberger G, Gentsch N, Hugelius G, Palmtag J, Mikutta R, Shibistova O, Urich T, Schleper C, Richter A, Šantrůčková H (2018) A plant-microbe interaction framework explaining nutrient effects on primary production. **Nature Ecology & Evolution** 2(10): 1588-1596. doi: 10.1038/s41559-018-0662-8.
112. Taubner RS, Pappenreiter P, Zwicker J, Smrzka D, Pruckner C, Kolar F, Bernacchi S, Seifert AH, Krajete A, Bach W, Peckmann J, Paulik C, Firneis MG, Schleper C, Rittmann SKR (2018) Biological methane production under putative Enceladus-like conditions. **Nature Communications** 9(1): 748. doi: 10.1038/s41467-018-02876-y.
111. Baumann L, Taubner R, Bauersachs T, Steiner M, Schleper C, Peckmann J, Rittmann S, Birgel D (2018) Intact polar lipid and core lipid inventory of the hydrothermal vent methanogens *Methanocaldococcus villosus* and *Methanothermococcus okinawensis*. **Organic Geochemistry** 126: 33-42. doi: 10.1016/j.orggeochem.2018.10.006.
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109. Šantrůčková H, Kotas P, Bárta J, Urich T, Čapek J, Palmtag J, Alves RJE, Biasi C, Biáková K, Gentsch N, Gittel A, Guggenberger G, Hugelius G, Lashchinsky N, Martikainen P, Mikutta R, Schleper C, Schneckner J, Schwab C, Shibistova O, Wild B, Richter A (2018) Significance of dark CO₂ fixation in arctic soils. **Soil Biology and Biochemistry** 119: 11-21. doi: 10.1016/j.soilbio.2017.12.021.
108. Abby SS, Melcher M, Kerou M, Krupovic M, Stieglmeier M, Rossel C, Schleper C (2018) Candidatus Nitrosocaldus cavascurensis, an Ammonia Oxidizing, Extremely Thermophilic Archaeon with a Highly Mobile Genome. **Frontiers in Microbiology** 9: 28. doi: 10.3389/fmicb.2018.00028.
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106. Kozłowski J, Johnson ME, Ledesma-Vázquez J, Birgel D, Peckmann J, Schleper C (2018) Microbial diversity of a closed salt lagoon in the Puertecitos area, Upper Gulf of California. **Ciencias Marinas** 44(2): 71-90. doi: 10.7773/cm.v44i2.2825.
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102. Jung MY, Kim JG, Sinninghe Damsté JS, Rijpstra WI, Madsen EL, Kim SJ, Hong H, Si OJ, Kerou M, Schleper C, Rhee SK. (2016) A hydrophobic ammonia-oxidizing archaeon of the *Nitrosocosmicus* clade isolated from coal tar-contaminated sediment. **Environmental Microbiology Reports** 8(6):983-992. doi: 10.1111/1758-2229.12477.
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88. Offre P, Kerou M, Spang A, Schleper C (2014) Variability of the transporter gene complement in ammonia-oxidizing archaea. **Trends in Microbiology** 22(12): 665-675.
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