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**Palmer M**, JK Covington, E-M Zhou, SC Thomas, N Habib, CO Seymour, D Lai, J Johnston, A Hashimi, J-Y Jiao, AR Muok, L Liu, W-D Xian, X-Y Zhi, M-M Li, LP Silva, BP Bowen, K Louie, A Briegel, J Pett-Ridge, PK Weber, El Tocheva, T Woyke, TR Northen, X Mayali, W-J Li, BP Hedlund. 2023.

Thermophilic *Dehalococcoidia* with unusual traits shed light on an unexpected past.  
*The ISME Journal* <https://doi.org/10.1016/j.gca.2023.04.005>.

**Nelson TF**, R Baumgartner, M Jaggi, SM Bernasconi, G Battagliarin, C Sinkel, A Künkel, H-P E Kohler, K McNeill, M Sander. 2022.

Biodegradation of poly(butylene succinate) in soil laboratory incubations assessed by stable carbon isotope labelling.  
*NATURE Communications* 13: 5691.

**Kirui A**, W Zhao, F Deligey, H Yang, X Kang, F Mentink-Vigier, T Wang. 2022.

Carbohydrate-aromatic interface and molecular architecture of lignocellulose.  
*NATURE Communications* 13: 538.

**Neubauer D**, O Kolmakova, J Woodhouse, R Taube, K Mangelsdorf, M Gladyshev, K Premke, H-P Grossart. 2021.

Zooplankton carcasses stimulate microbial turnover of allochthonous particulate organic matter..  
*NATURE – The ISME Journal* 15: 1735-1750.

**Terrett OM**, JJ Lyczakowski, L Yu, D Luga, WT Franks, SP Brown, R Dupree, P Dupree. 2019.

Molecular architecture of softwood revealed by solid-state NMR.  
*NATURE – Communications* 10: 4978.

**Fernández-Calleja JMS**, LMS Bouwman, HJM Swarts, A Oosting, J Keijer, EM van Schothorst. 2019.

Extended indirect calorimetry with isotopic CO<sub>2</sub> sensors for prolonged and continuous quantification of exogenous vs. total substrate oxidation in mice.  
*NATURE – Scientific Reports* 9: 11507.

**Tsugawa H**, R Nakabayashi, T Mori, Y Yamada, M Takahashi, A Rai, R Sugiyama, H Yamamoto, T Nakaya, M Yamazaki, R Kooke, JA Bac-Molenaar, N Oztolan-Erol, JJB Keurentjes, M Arita, K Saito. 2019.

A cheminformatics approach to characterize metabolomes in stable-isotope-labeled organisms.  
*NATURE Methods* 16: 295-298.

[Kang X](#), A Kirui, MC Dickwella Widanage, F Mentink-Vigier, DJ Cosgrove, T Wang. 2019. Lignin-polysaccharide interactions in plant secondary cell walls revealed by solid-state NMR. *NATURE Communications* 10: 347.

[Kang X](#), A Kirui, A Muszyński, MC Dickwella Widanage, A Chen, P Azadi, P Wang, F Mentink-Vigier, T Wang. 2018. Molecular architecture of fungal cell walls revealed by solid-state NMR. *NATURE Communications* 9: 2747.

[López-Mondéjar R](#), V Brabcová, M Štursová, A Davidová, J Jansa, T Cajthaml, P Baldrian. 2018. Decomposer food web in a deciduous forest shows high share of generalist microorganisms and importance of microbial biomass recycling. *NATURE – The ISME Journal* 12: 1768-1778.

[Segura](#), JH, MB Nilsson, M Haei, T Sparrman, JP Mikkola, J Gräsvik, J Schleucher, MG Öquist. 2017. Microbial mineralization of cellulose in frozen soils. *NATURE communications* 8: 1154.

[Wilhelm RC](#), E Cardenas, H Leung, K Maas, M Hartmann, A Hahn, S Hallam, WW Mohn. 2017. Data Descriptor: A metagenomics survey of forest soil microbial communities more than a decade after timber harvesting. *NATURE Scientific Data* doi:10.1038/sdata.2017.92.

[Cheng L](#), N Zhang, M Yuan, J Xiao, Y Qin, Y Deng, Q Tu, K Xue, JD Van Nostrand, L Wu, Z He, X Zhou, MB Leigh, KT Konstantinidis, EAG Schuur, Y Luo, JM Tiedje, J Zhou. 2017. Warming enhances old organic carbon decomposition through altering functional microbial communities. *NATURE – The ISME Journal* 11: 1825-1835.

[Wakerley DW](#), MF Kuehnel, KL Orchard, KH Ly, TE Rosser, E Reisner. 2017. Solar-driven reforming of lignocellulose to H<sub>2</sub> with a CdS/CdO<sub>x</sub> photocatalyst. *NATURE Energy* 2: 17021.

[Wild B](#), N Gentsch, P Čapek, K Diáková, RJ Eloy Alves, J Bárta, A Gittel, G Hugelius, A Knoltsch, P Kuhry, N Lashchinskiy, R Mikutta, J Palmtag, C Schleper, J Schneckner, O Shibistova, M Takriti, VL Torsvik, T Urich, M Watzka, H Šantrůčková, G Guggenberger, A Richter. 2016. Plant-derived compounds stimulate the decomposition of organic matter in arctic permafrost soils. *NATURE – Scientific Reports* 6: 25607.

**Leung** HTC, KR Maas, RC Wilhelm, WW Mohn. 2016.

Long-term effects of timber harvesting on hemicellulolytic microbial populations in coniferous forest soils.

*NATURE – The ISME Journal* 10: 363-375.

**Frost** G, ML Sleeth, M Sahuri-Arisoylu, B Lizarbe, S Cerdan, L Brody, J Anastasovska, S Ghourab, M Hankir, S Zhang, D Carling, JR Swann, G Gibson, A Viardot, D Morrison, EL Thomas, JD Bell. 2014. The short-chain fatty acid acetate reduces appetite via a central homeostatic mechanism.

*NATURE Communications* 5: 3611.

**Bengtsson MM**, K Wagner, NR Burns, ER Herberg, W Wanek, LA Kaplan, TJ Battin. 2014.

No evidence of aquatic priming effects in hyporheic zone microcosms.

*NATURE – Scientific Reports* 4: 5187.

**Kiers** TE, M Duhamel, Y Beesetty, JA Mensah, O Franken, E Verbruggen, CR Fellbaum, GA Kowalchuk, MM Hart, A Bago, TM Palmer, SA West, P Vandenkoornhuyse, J Jansa, H Bücking. 2011.

Reciprocal rewards stabilize cooperation in the mycorrhizal symbiosis.

*SCIENCE* 333: 880-882.

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