

Schriftenverzeichnis Michael Zech, Okt. 2021

Übersicht peer reviewed Publikationen (Quelle: Scopus vom 16. Oktober 2021):

Results found:	66
As first author:	27
Citations (without self-citations):	1845
h-index:	26

2021

- Bittner, L., Gil-Romera, G., Grady, D., Lamb, H., Lorenz, E., Weiner, M., Meyer, H., Bromm, T., Glaser, B. and Zech, M., 2021. The Holocene lake-evaporation history of the afro-alpine Lake Garba Guracha in the Bale Mountains, Ethiopia, based on $\delta^{18}\text{O}$ records of sugar biomarker and diatoms. *Quaternary Research* 1-14. doi:10.1017/qua.2021.26.
- Hepp, J., Mayr, C., Rozanski, K., Schäfer, I., Tuthorn, M., Glaser, B., Juchelka, D., Stichler, W., Zech, R. and Zech, M., 2021. Validation of a coupled $\delta^2\text{H}_{n\text{-alkane}}-\delta^{18}\text{O}_{\text{sugar}}$ paleohygrometer approach based on a climate chamber experiment. *Biogeosciences* 18, 5363-5380, doi.org/10.5194/bg-18-5363-2021.
- Lemma, B., Bittner, L., Glaser, B., Kebede, S., Nemomissa, S., Zech, W. and Zech, M., 2021. $\delta^2\text{H}_{n\text{-alkane}}$ and $\delta^{18}\text{O}_{\text{sugar}}$ biomarker proxies from leaves and topsoils of the Bale Mountains, Ethiopia, and implication for paleoclimate reconstructions. *Biogeochemistry* 153, 135-153.
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- Hepp, J., Schäfer, I., Lanny, V., Franke, F., Bliedtner, M., Rozanski, K., Glaser, B., Zech, M., Eglinton, T. and Zech, R., 2020. Evaluation of bacterial glycerol dialkyl glycerol tetraether and $^2\text{H}-^{18}\text{O}$ biomarker proxies along a Central European topsoil transect. *Biogeosciences* 17, 741-756.
- Lemma, B., Gurmessa, S., Nemomissa, S., Otte, I., Glaser, B. and Zech, M., 2020. Spatial and temporal ^2H and ^{18}O isotope variation of contemporary precipitation in the Bale Mountains, Ethiopia. *Isotopes in Environmental and Health Studies*, doi.org/10.1080/10256016.2020.1717487.

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- Gil-Romera, G., Adolf, C., Benito, B.M., Bittner, L., Johansson, M.U., Grady, D.A., Lamb, H.F., Lemma, B., Fekadu, M., Glaser, B., Mekonnen, B., Sevilla-Callejo, M., Zech, M., Zech, W. and Mieke, G., 2019. Long-term fire resilience of the Ericaceous Belt, Bale Mountains, Ethiopia. *Biology Letters* 15(6), DOI: 10.1098/rsbl.2019.0357.
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- Trigui, Y., Wolf, Y., Sahakyan, L., Hovakimyan, H., Sahakyan, K., Zech, R., Fuchs, M., Wolpert, T., Zech, M. and Faust, D., 2019. First calibration and application of leaf wax *n*-alkane biomarkers in loess-palaeosol sequences and modern plants and soils in Armenia. *Geosciences* 9, 263; doi:10.3390/geosciences9060263.

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2006

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