

**Publication list Matthias Saurer, 30.9.2021**

1. Wang, A., R.T.W. Siegwolf, J. Joseph, F.M. Thomas, W. Werner, A. Gessler, A. Rigling, M. Schaub, M. Saurer, M.-H. Li, and M.M. Lehmann, Effects of soil moisture, needle age and leaf morphology on carbon and oxygen uptake, incorporation and allocation: a dual labeling approach with  $^{13}\text{CO}_2$  and  $^{18}\text{H}_2\text{O}$  in foliage of a coniferous forest. *Tree Physiology*, 2021. 41(1): p. 50-62.
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4. Saurer, M. and P. Cherubini, Tree physiological responses after biotic and abiotic disturbances revealed by a dual isotope approach. *Tree physiology*, 2021.
5. Ouyang, S., A. Gessler, M. Saurer, F. Hagedorn, D.-C. Gao, X.-Y. Wang, M. Schaub, M.-H. Li, W.-J. Shen, and L. Schönbeck, Root carbon and nutrient homeostasis determines downy oak sapling survival and recovery from drought. *Tree physiology*, 2021.
6. Miranda, J.C., M.M. Lehmann, M. Saurer, J. Altman, and K. Treydte, Insight into Canary Island pine physiology provided by stable isotope patterns of water and plant tissues along an altitudinal gradient. *Tree physiology*, 2021.
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