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Anställning

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1 sep. 2022 → present

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25 feb. 2021 → present

Ecosystem processes (INAR Faculty of Agriculture and Forestry)

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Metsien ekologia ja käyttö

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Forskningsoutput

Hyperspectral Imaging Reveals Differential Carotenoid and Chlorophyll Temporal Dynamics and Spatial Patterns in Scots Pine Under Water Stress

Miettinen, I., Zhang, C., Alonso, L., Fernández-Marín, B., García-Plazaola, J. I., Grebe, S., Porcar-Castell, A. & Atherton, J., feb. 2025, I: *Plant Cell and Environment*. 48, 2, s. 1535-1554 20 s.

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What Does the NDVI Really Tell Us About Crops? Insight from Proximal Spectral Field Sensors

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Structural and photosynthetic dynamics mediate the response of SIF to water stress in a potato crop

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On the Estimation of the Leaf Angle Distribution from Drone Based Photogrammetry

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A mechanistic model of winter stem diameter dynamics reveals the time constant of diameter changes and the elastic modulus across tissues and species

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Investigating Forest Photosynthetic Response to Elevated CO₂ Using UAV-Based Measurements of Solar Induced Fluorescence

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Upscaling of solar induced chlorophyll fluorescence from leaf to canopy using the DART model and a realistic 3D forest scene

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A comparison of methods to estimate photosynthetic light absorption in leaves with contrasting morphology

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Onset of photosynthesis in spring speeds up monoterpane synthesis and leads to emission bursts

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MEASUREMENT AND MODELLING OF PHYSIOLOGICAL LEAF OPTICAL DYNAMICS

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