



LI-7820

# Publications List

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- Chong, Y., H. Li, T. Pan, L. You, H. Du, B. Yu, J. Chen, N. Ren and L. Lu "More Applicable Quantification of Non-Co2 Greenhouse Gas Emissions from Wastewater Treatment Plants by On-Site Plant-Integrated Measurements." Available at SSRN 4681417.
- Gao, S., A. Hendratna, T. Thao, C. M. Culumber, A. T. Poret - Peterson, C. A. Zuber and B. A. Holtz (2024). "Influence of woodchip size and nitrogen fertilization on carbon dioxide and nitrous oxide emissions from soils amended with orchard biomass." Soil Science Society of America Journal.
- Keskisaari, O. (2023). "N<sub>2</sub>O emissions from restored peatlands in Southern and Central Finland." Forest Ecology and Management.
- Mészáros, Á., B. Magyar, N. Omoding, J. Balogh, S. Fóti, K. Pintér, A. Percze, G. De Luca and Z. Nagy (2023). Effect of various fertilizer doses on soil N<sub>2</sub>O and CO<sub>2</sub> emissions in cropland soils in Hungary. EGU General Assembly Conference Abstracts.
- Ranniku, R., F. A. Kazmi, M. Espenberg, K. Kasak, M. Öpik, Ü. Mander, C. Ah-Peng and K. Soosaar (2023). Tree stem and soil CH<sub>4</sub> and N<sub>2</sub>O fluxes from peat soils of the tropical cloud forest of Réunion Island, Copernicus Meetings.
- Stiefvater, G., Y. Hespos, D. Wiedenmann, A. Lambrecht, R. Brunner and J. Wöllenstein (2023). "A portable laser spectroscopic system for measuring nitrous oxide emissions on fertilized cropland." Sensors 23(15): 6686.
- Stuchiner, E., J. Xu, W. C. Eddy, E. H. DeLucia and W. H. Yang (2024). "Hot or not? An evaluation of methods for identifying hot moments of nitrous oxide emissions from soils."
- Tet, Y. (2023). Analyzing the Impact of Farming Practices on N<sub>2</sub>O Emissions and Crop Yield Through Sensing. Proceedings of the 33rd Annual International Conference on Computer Science and Software Engineering.
- Yang, H., Y. Guo, N. Fang, B. Dong and X. Wu "Greenhouse Gas Emissions of Sewage Sludge Land Application in Urban Green Space: A Field Experiment in a Bermuda Grassland." Available at SSRN 4713864.
- Zawilski, B. and V. Bustillo (2023). "Ultra-low-cost manual soil respiration chamber." EGU sphere 2023: 1-26.
- Zawilski, B. M. and V. Bustillo (2024). "Ultra-low-cost manual soil respiration chamber." Geoscientific Instrumentation, Methods and Data Systems 13(1): 51-62.
- Zhang, Z., W. C. Eddy, E. Stuchiner, E. H. DeLucia and W. H. Yang (2023). "A new conceptual framework explaining spatial variation in soil nitrous oxide emissions." bioRxiv: 2023.2011. 2027.568944.



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