

List of publications in peer-reviewed journals (last edit: 06.03.2018)

- (1) Barba J., Cueva A., Bahn M., Barron-Gafford G. A., Bond-Lamberty B., Hanson P. J., Jaimes A., Kulmala L., Pumpanen J., Scott R. L., Wohlfahrt G., Vargas R. (2018) Comparing ecosystem and soil respiration: Review and key challenges of tower-based and soil measurements. *Agricultural and Forest Meteorology* **249**, 434-443, doi: 10.1016/j.agrformet.2017.10.028.
- (2) Carotenuto F., Gualtieri G., Miglietta F., Riccio A., Toscano P., Wohlfahrt G., Gioli B. (2018) Industrial point source CO₂ emission strength estimation with aircraft measurements and dispersion modelling. *Environmental Monitoring and Assessment* **190**, 165, doi: 10.1007/s10661-018-6531-8.
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 - (5) Scholz K., Hammerle A., Hiltbrunner E., Wohlfahrt G. (2018) Analyzing the Effects of Growing Season Length on the Net Ecosystem Production of an Alpine Grassland Using Model–Data Fusion. *Ecosystems in press*, doi: 10.1007/s10021-017-0201-5.
 - (6) Stoy P. C., Peitzsch E., Wood D., Rottinghaus D., Wohlfahrt G., Goulden M., Ward H. (2018) On the exchange of sensible and latent heat between the atmosphere and melting snow. *Agricultural and Forest Meteorology* **252**, 167-174, doi: 10.1016/j.agrformet.2018.01.028.
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 - (9) Ahrar M., Doneva D., Tattini M., Brunetti C., Gori A., Rodeghiero M., Wohlfahrt G., Biasioli F., Varotto C., Loreto F., Velikova V. (2017) Phenotypic differences determine drought stress responses in ecotypes of *Arundo donax* adapted to different environments. *Journal of Experimental Botany* **68**, 2439-2451, doi: 10.1093/jxb/erx125.
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