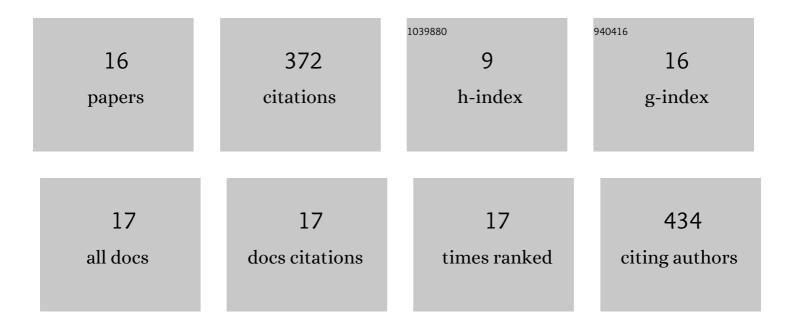


## List of Publications by Year in descending order

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OZ KIDA

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Non-destructive estimation of foliar chlorophyll and carotenoid contents: Focus on informative spectral bands. International Journal of Applied Earth Observation and Geoinformation, 2015, 38, 251-260.                             | 1.4 | 97        |
| 2  | Informative spectral bands for remote green LAI estimation in C3 and C4 crops. Agricultural and Forest Meteorology, 2016, 218-219, 243-249.  | 1.9 | 62        |
| 3  | An Unmanned Aerial System (UAS) for concurrent measurements of solar-induced chlorophyll<br>fluorescence and hyperspectral reflectance toward improving crop monitoring. Agricultural and<br>Forest Meteorology, 2020, 294, 108145.  | 1.9 | 38        |
| 4  | Unpacking the drivers of diurnal dynamics of sun-induced chlorophyll fluorescence (SIF): Canopy<br>structure, plant physiology, instrument configuration and retrieval methods. Remote Sensing of<br>Environment, 2021, 265, 112672. | 4.6 | 33        |
| 5  | The physiological basis for estimating photosynthesis from Chl <i>a</i> fluorescence. New Phytologist, 2022, 234, 1206-1219.   | 3.5 | 26        |
| 6  | Toward Generic Models for Green LAI Estimation in Maize and Soybean: Satellite Observations. Remote Sensing, 2017, 9, 318.   | 1.8 | 24        |
| 7  | Direct tracing of NH3 and N2O emissions associated with urea fertilization approaches, using static incubation cells. Science of the Total Environment, 2019, 661, 75-85.  | 3.9 | 17        |
| 8  | A Novel Method Combining FTIR-ATR Spectroscopy and Stable Isotopes to Investigate the Kinetics of Nitrogen Transformations in Soils. Soil Science Society of America Journal, 2014, 78, 54-60.                                       | 1.2 | 15        |
| 9  | Estimating drift of airborne pesticides during orchard spraying using active Open Path FTIR.<br>Atmospheric Environment, 2016, 142, 264-270.   | 1.9 | 11        |
| 10 | In-situ open path FTIR measurements of the vertical profile of spray drift from air-assisted sprayers.<br>Biosystems Engineering, 2018, 169, 32-41.  | 1.9 | 9         |
| 11 | Gross Primary Production Estimation in Crops Using Solely Remotely Sensed Data. Agronomy Journal, 2019, 111, 2981-2990.  | 0.9 | 8         |
| 12 | Extraction of sub-pixel C3/C4 emissions of solar-induced chlorophyll fluorescence (SIF) using artificial neural network. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 135-146.                                     | 4.9 | 8         |
| 13 | Reconstruction of passive open-path FTIR ambient spectra using meteorological measurements and its application for detection of aerosol cloud drift. Optics Express, 2015, 23, A916.   | 1.7 | 7         |
| 14 | Detection and quantification of water-based aerosols using active open-path FTIR. Scientific Reports, 2016, 6, 25110.  | 1.6 | 7         |
| 15 | Partitioning Net Ecosystem Exchange (NEE) of CO 2 Using Solarâ€Induced Chlorophyll Fluorescence<br>(SIF). Geophysical Research Letters, 2021, 48, e2020GL091247.   | 1.5 | 5         |
| 16 | Concomitant tracking of NH3, N2O and soil mineral-N using steady-state incubation cells to enhance sustainability of urea fertilization approaches. Geoderma, 2021, 404, 115305.   | 2.3 | 5         |