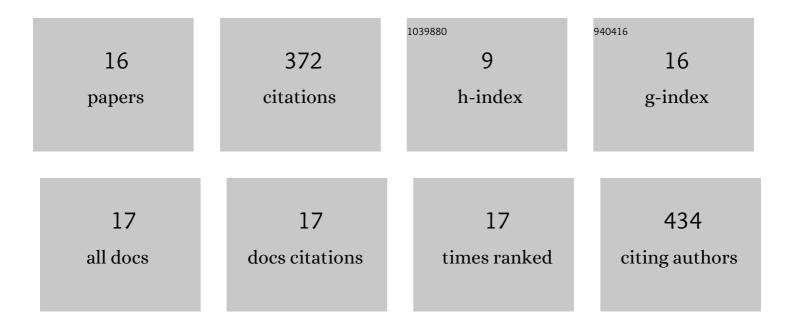


## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3171185/publications.pdf Version: 2024-02-01



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 fluorescence and hyperspectral reflectance toward improving crop monitoring. Agricultural and Forest Meteorology, 2020, 294, 108145.	1.9	38
4	Unpacking the drivers of diurnal dynamics of sun-induced chlorophyll fluorescence (SIF): Canopy structure, plant physiology, instrument configuration and retrieval methods. Remote Sensing of 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. 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. 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 (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