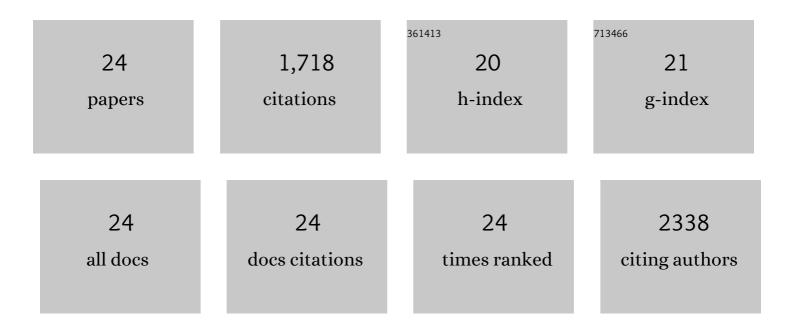
Thomas Udelhoven

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Land Surface Temperature Retrieval for Agricultural Areas Using a Novel UAV Platform Equipped with a Thermal Infrared and Multispectral Sensor. Remote Sensing, 2020, 12, 1075.	4.0	37
2	PANTHEON: SCADA for Precision Agriculture. , 2020, , 1-38.		0
3	Challenges and Future Perspectives of Multi-/Hyperspectral Thermal Infrared Remote Sensing for Crop Water-Stress Detection: A Review. Remote Sensing, 2019, 11, 1240.	4.0	149
4	High Spatio- Temporal Resolution Land Surface Temperature Mission - a Copernicus Candidate Mission in Support of Agricultural Monitoring. , 2018, , .		29
5	Analysis of Airborne Optical and Thermal Imagery for Detection of Water Stress Symptoms. Remote Sensing, 2018, 10, 1139.	4.0	64
6	A Satellite-Based Imaging Instrumentation Concept for Hyperspectral Thermal Remote Sensing. Sensors, 2017, 17, 1542.	3.8	13
7	Plant species discrimination using emissive thermal infrared imaging spectroscopy. International Journal of Applied Earth Observation and Geoinformation, 2016, 53, 16-26.	2.8	25
8	Water stress detection in potato plants using leaf temperature, emissivity, and reflectance. International Journal of Applied Earth Observation and Geoinformation, 2016, 53, 27-39.	2.8	78
9	Advantages using the thermal infrared (TIR) to detect and quantify semi-arid soil properties. Remote Sensing of Environment, 2015, 163, 296-311.	11.0	47
10	Soil organic carbon assessment by field and airborne spectrometry in bare croplands: accounting for soil surface roughness. Geoderma, 2014, 226-227, 94-102.	5.1	39
11	How Normalized Difference Vegetation Index (NDVI) Trendsfrom Advanced Very High Resolution Radiometer (AVHRR) and SystA¨me Probatoire d'Observation de la Terre VEGETATION (SPOT VGT) Time Series Differ in Agricultural Areas: An Inner Mongolian Case Study. Remote Sensing, 2012, 4, 3364-3389.	4.0	84
12	A Hyperspectral Thermal Infrared Imaging Instrument for Natural Resources Applications. Remote Sensing, 2012, 4, 3995-4009.	4.0	38
13	TimeStats: A Software Tool for the Retrieval of Temporal Patterns From Global Satellite Archives. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 310-317.	4.9	43
14	A rapid spectral-reflectance-based fingerprinting approach for documenting suspended sediment sources during storm runoff events. Journal of Soils and Sediments, 2010, 10, 400-413.	3.0	76
15	The use of sediment colour measured by diffuse reflectance spectrometry to determine sediment sources: Application to the Attert River catchment (Luxembourg). Journal of Hydrology, 2010, 382, 49-63.	5.4	129
16	Measuring soil organic carbon in croplands at regional scale using airborne imaging spectroscopy. Geoderma, 2010, 158, 32-45.	5.1	236
17	The Use of Laboratory Spectroscopy and Optical Remote Sensing for Estimating Soil Properties. , 2010, , 67-85.		9

18 Title is missing!. Plant and Soil, 2003, 251, 319-329.

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#	Article	IF	CITATIONS
19	The NeuroDeveloper®: a tool for modular neural classification of spectroscopic data. Chemometrics and Intelligent Laboratory Systems, 2003, 66, 219-226.	3.5	34
20	Antemortem Identification of Bovine Spongiform Encephalopathy from Serum Using Infrared Spectroscopy. Analytical Chemistry, 2003, 75, 6673-6678.	6.5	68
21	The use of fine sediment fractal dimensions and colour to determine sediment sources in a small watershed. Catena, 2003, 53, 165-179.	5.0	49
22	Identification of Scrapie Infection from Blood Serum by Fourier Transform Infrared Spectroscopy. Analytical Chemistry, 2002, 74, 3865-3868.	6.5	71
23	Capability of feed-forward neural networks for a chemical evaluation of sediments with diffuse reflectance spectroscopy. Chemometrics and Intelligent Laboratory Systems, 2000, 51, 9-22.	3.5	28
24	Development of a Hierarchical Classification System with Artificial Neural Networks and FT-IR Spectra for the Identification of Bacteria. Applied Spectroscopy, 2000, 54, 1471-1479.	2.2	139