

Cornelia Weltzien

List of Publications by Year in descending order

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13
papers

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citations

1040056

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1199594

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13
all docs

13
docs citations

13
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyzing Temporal and Spatial Characteristics of Crop Parameters Using Sentinel-1 Backscatter Data. Remote Sensing, 2019, 11, 1569.	4.0	59
2	Growth Height Determination of Tree Walls for Precise Monitoring in Apple Fruit Production Using UAV Photogrammetry. Remote Sensing, 2020, 12, 1656.	4.0	38
3	Agricultural Monitoring Using Polarimetric Decomposition Parameters of Sentinel-1 Data. Remote Sensing, 2021, 13, 575.	4.0	27
4	Development of sensor system for real-time measurement of respiration rate of fresh produce. Computers and Electronics in Agriculture, 2019, 157, 322-328.	7.7	21
5	UAV Oblique Imagery with an Adaptive Micro-Terrain Model for Estimation of Leaf Area Index and Height of Maize Canopy from 3D Point Clouds. Remote Sensing, 2022, 14, 585.	4.0	16
6	Estimation of Vegetative Growth in Strawberry Plants Using Mobile LiDAR Laser Scanner. Horticulturae, 2022, 8, 90.	2.8	14
7	Detecting Phenological Development of Winter Wheat and Winter Barley Using Time Series of Sentinel-1 and Sentinel-2. Remote Sensing, 2021, 13, 5036.	4.0	13
8	Impact of Camera Viewing Angle for Estimating Leaf Parameters of Wheat Plants from 3D Point Clouds. Agriculture (Switzerland), 2021, 11, 563.	3.1	12
9	In-Situ Measurement of Fresh Produce Respiration Using a Modular Sensor-Based System. Sensors, 2020, 20, 3589.	3.8	9
10	Role of laser micro-perforations on ethylene transmission rate in packaging materials used for fresh produce. Packaging Technology and Science, 2022, 35, 621-627.	2.8	7
11	Development of a Controlled-Ventilation Box for Modified-Atmosphere Storage of Fresh Produce. Foods, 2021, 10, 2965.	4.3	5
12	Sensors for Measurement of Respiratory Gases in Fresh Produce Packaging and Storage. , 2019, , .		3
13	Developing an Arduino-based control system for temperature-dependent gas modification in a fruit storage container. Computers and Electronics in Agriculture, 2022, 198, 107126.	7.7	1