

Cornelia Weltzien

List of Publications by Year in descending order

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13
papers

225
citations

1040056

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1199594

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13
docs citations

13
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of Vegetative Growth in Strawberry Plants Using Mobile LiDAR Laser Scanner. Horticulturae, 2022, 8, 90.	2.8	14
2	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
3	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
4	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
5	Agricultural Monitoring Using Polarimetric Decomposition Parameters of Sentinel-1 Data. Remote Sensing, 2021, 13, 575.	4.0	27
6	Impact of Camera Viewing Angle for Estimating Leaf Parameters of Wheat Plants from 3D Point Clouds. Agriculture (Switzerland), 2021, 11, 563.	3.1	12
7	Development of a Controlled-Ventilation Box for Modified-Atmosphere Storage of Fresh Produce. Foods, 2021, 10, 2965.	4.3	5
8	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
9	In-Situ Measurement of Fresh Produce Respiration Using a Modular Sensor-Based System. Sensors, 2020, 20, 3589.	3.8	9
10	Growth Height Determination of Tree Walls for Precise Monitoring in Apple Fruit Production Using UAV Photogrammetry. Remote Sensing, 2020, 12, 1656.	4.0	38
11	Analyzing Temporal and Spatial Characteristics of Crop Parameters Using Sentinel-1 Backscatter Data. Remote Sensing, 2019, 11, 1569.	4.0	59
12	Sensors for Measurement of Respiratory Gases in Fresh Produce Packaging and Storage. , 2019, , .		3
13	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