

Yali Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1339048/publications.pdf>

Version: 2024-02-01

16
papers

383
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

352
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Deep learning versus Object-based Image Analysis (OBIA) in weed mapping of UAV imagery. <i>International Journal of Remote Sensing</i> , 2020, 41, 3446-3479. | 2.9 | 68 |
| 2 | Applications and Prospects of Agricultural Unmanned Aerial Vehicle Obstacle Avoidance Technology in China. <i>Sensors</i> , 2019, 19, 642. | 3.8 | 49 |
| 3 | Detection of Helminthosporium Leaf Blotch Disease Based on UAV Imagery. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 558. | 2.5 | 40 |
| 4 | Automatic delivery and recovery system of Wireless Sensor Networks (WSN) nodes based on UAV for agricultural applications. <i>Computers and Electronics in Agriculture</i> , 2019, 162, 31-43. | 7.7 | 40 |
| 5 | Accurate Weed Mapping and Prescription Map Generation Based on Fully Convolutional Networks Using UAV Imagery. <i>Sensors</i> , 2018, 18, 3299. | 3.8 | 37 |
| 6 | Droplet distributions in cotton harvest aid applications vary with the interactions among the unmanned aerial vehicle spraying parameters. <i>Industrial Crops and Products</i> , 2021, 163, 113324. | 5.2 | 30 |
| 7 | Lightweight Semantic Segmentation Network for Real-Time Weed Mapping Using Unmanned Aerial Vehicles. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7132. | 2.5 | 23 |
| 8 | Real-Time Identification of Rice Weeds by UAV Low-Altitude Remote Sensing Based on Improved Semantic Segmentation Model. <i>Remote Sensing</i> , 2021, 13, 4370. | 4.0 | 23 |
| 9 | Progress in Agricultural Unmanned Aerial Vehicles (UAVs) Applied in China and Prospects for Poland. <i>Agriculture (Switzerland)</i> , 2022, 12, 397. | 3.1 | 17 |
| 10 | Development and Prospect of UAV-Based Aerial Electrostatic Spray Technology in China. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4071. | 2.5 | 16 |
| 11 | WSN-Assisted UAV Trajectory Adjustment for Pesticide Drift Control. <i>Sensors</i> , 2020, 20, 5473. | 3.8 | 12 |
| 12 | Canopy Volume Extraction of Citrus reticulata Blanco cv. Shatangju Trees Using UAV Image-Based Point Cloud Deep Learning. <i>Remote Sensing</i> , 2021, 13, 3437. | 4.0 | 12 |
| 13 | Au-Ag alloy nanoparticles supported on ordered mesoporous carbon (CMK-3) with remarkable solar thermal conversion efficiency. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1. | 2.3 | 8 |
| 14 | Identification of Male and Female Parents for Hybrid Rice Seed Production Using UAV-Based Multispectral Imagery. <i>Agriculture (Switzerland)</i> , 2022, 12, 1005. | 3.1 | 4 |
| 15 | Research Progress and Prospects of Agricultural Aero-Bionic Technology in China. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10435. | 2.5 | 2 |
| 16 | Detection of Rice Spikelet Flowering for Hybrid Rice Seed Production Using Hyperspectral Technique and Machine Learning. <i>Agriculture (Switzerland)</i> , 2022, 12, 755. | 3.1 | 2 |