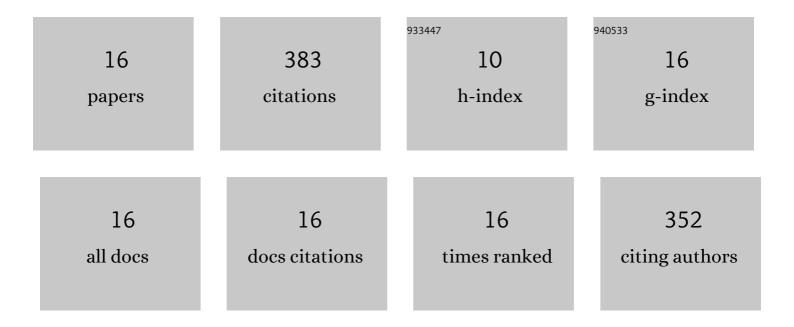
## Yali Zhang

List of Publications by Year in descending order

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ΥΛΗ ΖΗΛΝΟ

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