

Songchao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

55
citations

1684188

5
h-index

1720034

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g-index

8
all docs

8
docs citations

8
times ranked

14
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a low-cost quadrotor UAV based on ADRC for agricultural remote sensing. International Journal of Agricultural and Biological Engineering, 2019, 12, 82-87.	0.6	14
2	Effects of Crop Protection Unmanned Aerial System Flight Speed, Height on Effective Spraying Width, Droplet Deposition and Penetration Rate, and Control Effect Analysis on Wheat Aphids, Powdery Mildew, and Head Blight. Applied Sciences (Switzerland), 2021, 11, 712.	2.5	10
3	The Airflow Field Characteristics of the Unmanned Agricultural Aerial System on Oilseed Rape (Brassica napus) Canopy for Supplementary Pollination. Agronomy, 2021, 11, 2035.	3.0	9
4	Parameters optimization of crop protection UAS based on the first industry standard of China. International Journal of Agricultural and Biological Engineering, 2020, 13, 29-35.	0.6	8
5	Comparison of Water Sensitive Paper and Glass Strip Sampling Approaches to Assess Spray Deposit by UAV Sprayers. Agronomy, 2022, 12, 1302.	3.0	6
6	Image Recognition of Male Oilseed Rape (Brassica napus) Plants Based on Convolutional Neural Network for UAAS Navigation Applications on Supplementary Pollination and Aerial Spraying. Agriculture (Switzerland), 2022, 12, 62.	3.1	5
7	Effects of Different Pollination Methods on Oilseed Rape (Brassica napus) Plant Growth Traits and Rapeseed Yields. Plants, 2022, 11, 1677.	3.5	2
8	Design and experiment of a hydraulic lifting wind field test platform for crop protection UAS. International Journal of Agricultural and Biological Engineering, 2021, 14, 166-174.	0.6	1