

Wenxuan Guo

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

287
citations

1162889

8
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling effects of reduced nitrogen, phosphorus and potassium on drip-irrigated cotton growth and yield formation in Northern Xinjiang. <i>Archives of Agronomy and Soil Science</i> , 2022, 68, 1239-1250.	1.3	3
2	Spatial patterns of soil microbial communities and implications for precision soil management at the field scale. <i>Precision Agriculture</i> , 2022, 23, 1008-1026.	3.1	3
3	Principles and applications of topography in precision agriculture. <i>Advances in Agronomy</i> , 2022, , 143-189.	2.4	9
4	Retrieving Surface Soil Water Content Using a Soil Texture Adjusted Vegetation Index and Unmanned Aerial System Images. <i>Remote Sensing</i> , 2021, 13, 145.	1.8	12
5	Cotton Stand Counting from Unmanned Aerial System Imagery Using MobileNet and CenterNet Deep Learning Models. <i>Remote Sensing</i> , 2021, 13, 2822.	1.8	27
6	Field-scale spatial variability of soil calcium in a semi-arid region: Implications for soil erosion and site-specific management. <i>Pedosphere</i> , 2021, 31, 705-714.	2.1	4
7	Effects of irrigation rates on cotton yield as affected by soil physical properties and topography in the southern high plains. <i>PLoS ONE</i> , 2021, 16, e0258496.	1.1	3
8	Sorghum Panicle Detection and Counting Using Unmanned Aerial System Images and Deep Learning. <i>Frontiers in Plant Science</i> , 2020, 11, 534853.	1.7	42
9	Continuous Monitoring of Cotton Stem Water Potential using Sentinel-2 Imagery. <i>Remote Sensing</i> , 2020, 12, 1176.	1.8	10
10	Reflectance-based Model for Soybean Mapping in United States at Common Land Unit Scale with Landsat 8. <i>European Journal of Remote Sensing</i> , 2019, 52, 522-531.	1.7	2
11	Agronomic Basis and Strategies for Precision Water Management: A Review. <i>Agronomy</i> , 2019, 9, 87.	1.3	75
12	Spatial and Temporal Trends of Irrigated Cotton Yield in the Southern High Plains. <i>Agronomy</i> , 2018, 8, 298.	1.3	7
13	Application of Geographic Information System and Automated Guidance System in Optimizing Contour and Terrace Farming. <i>Agriculture (Switzerland)</i> , 2018, 8, 142.	1.4	3
14	Detection of Stress in Cotton (<i>Gossypium hirsutum</i> L.) Caused by Aphids Using Leaf Level Hyperspectral Measurements. <i>Sensors</i> , 2018, 18, 2798.	2.1	25
15	A Three-Dimensional Index for Characterizing Crop Water Stress. <i>Remote Sensing</i> , 2014, 6, 4025-4042.	1.8	9
16	Relationship between cotton yield and soil electrical conductivity, topography, and Landsat imagery. <i>Precision Agriculture</i> , 2012, 13, 678-692.	3.1	53