

Jiangang Liu

List of Publications by Year in descending order

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12
papers

1,149
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

1516
citing authors

#	ARTICLE	IF	CITATIONS
1	Unmanned Aerial Vehicle Remote Sensing for Field-Based Crop Phenotyping: Current Status and Perspectives. <i>Frontiers in Plant Science</i> , 2017, 8, 1111.	3.6	448
2	Above-ground biomass estimation and yield prediction in potato by using UAV-based RGB and hyperspectral imaging. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 162, 161-172.	11.1	240
3	Retrieving Soybean Leaf Area Index from Unmanned Aerial Vehicle Hyperspectral Remote Sensing: Analysis of RF, ANN, and SVM Regression Models. <i>Remote Sensing</i> , 2017, 9, 309.	4.0	192
4	The estimation of crop emergence in potatoes by UAV RGB imagery. <i>Plant Methods</i> , 2019, 15, 15.	4.3	86
5	Rational trade-offs between yield increase and fertilizer inputs are essential for sustainable intensification: A case study in wheat-maize cropping systems in China. <i>Science of the Total Environment</i> , 2019, 679, 328-336.	8.0	50
6	Establishment of Plot-Yield Prediction Models in Soybean Breeding Programs Using UAV-Based Hyperspectral Remote Sensing. <i>Remote Sensing</i> , 2019, 11, 2752.	4.0	44
7	Optimum nitrogen rate to maintain sustainable potato production and improve nitrogen use efficiency at a regional scale in China. A meta-analysis. <i>Agronomy for Sustainable Development</i> , 2020, 40, 1.	5.3	33
8	Interdecadal variation of potato climate suitability in China. <i>Agriculture, Ecosystems and Environment</i> , 2021, 310, 107293.	5.3	26
9	Quantitative potato tuber phenotyping by 3D imaging. <i>Biosystems Engineering</i> , 2021, 210, 48-59.	4.3	12
10	Effect of nitrogen and water deficit type on the yield gap between the potential and attainable wheat yield. <i>Chilean Journal of Agricultural Research</i> , 2015, 75, 457-464.	1.1	6
11	Research and Development of Decision Support System for Regional Agricultural Development Programming. <i>IFIP Advances in Information and Communication Technology</i> , 2013, , 271-281.	0.7	3
12	Strategies for narrowing the maize yield gap of household farms through precision fertigation under irrigated conditions using CERES-Maize model. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 2736-2741.	3.5	2