Xiaojie

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8041141/publications.pdf

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21	193	1163117 8	1125743 13
papers	citations	h-index	g-index

22	22	22	167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study of an on-line measurement method for the salt parameters of soda-saline soils based on the texture features of cracks. Geoderma, 2016, 263, 60-69.	5.1	32
2	Quantitative analysis of relationships between crack characteristics and properties of soda-saline soils in Songnen Plain, China. Chinese Geographical Science, 2015, 25, 591-601.	3.0	25
3	Evaluation and Improvement of SMOS and SMAP Soil Moisture Products for Soils with High Organic Matter over a Forested Area in Northeast China. Remote Sensing, 2017, 9, 387.	4.0	20
4	Analysis of spatial-temporal variation of the saline-sodic soil in the west of Jilin Province from 1989 to 2019 and influencing factors. Catena, 2022, 217, 106492.	5.0	15
5	Effects of Winter Snow Cover on Spring Soil Moisture Based on Remote Sensing Data Product over Farmland in Northeast China. Remote Sensing, 2020, 12, 2716.	4.0	13
6	Massively Parallel GPU Design of Automatic Target Generation Process in Hyperspectral Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2862-2869.	4.9	10
7	A Dynamic Snow Depth Inversion Algorithm Derived From AMSR2 Passive Microwave Brightness Temperature Data and Snow Characteristics in Northeast China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5123-5136.	4.9	10
8	An Approach to Improve the Spatial Resolution and Accuracy of AMSR2 Passive Microwave Snow Depth Product Using Machine Learning in Northeast China. Remote Sensing, 2022, 14, 1480.	4.0	10
9	Correlation between Spectral Characteristics and Physicochemical Parameters of Soda-Saline Soils in Different States. Remote Sensing, 2019, 11, 388.	4.0	8
10	Comparison of methane metabolism in the rhizomicrobiomes of wild and related cultivated rice accessions reveals a strong impact of crop domestication. Science of the Total Environment, 2022, 803, 150131.	8.0	8
11	Comparative Analysis of the Spectral Response to Soil Salinity of Saline-Sodic Soils under Different Surface Conditions. International Journal of Environmental Research and Public Health, 2018, 15, 2721.	2.6	7
12	Simultaneously estimating surface soil moisture and roughness of bare soils by combining optical and radar data. International Journal of Applied Earth Observation and Geoinformation, 2021, 100, 102345.	2.8	7
13	A New Soil Moisture Retrieval Algorithm from the L-Band Passive Microwave Brightness Temperature Based on the Change Detection Principle. Remote Sensing, 2020, 12, 1303.	4.0	6
14	A Nondestructive Conductivity Estimating Method for Saline-Alkali Land Based on Ground Penetrating Radar. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2605-2614.	6.3	5
15	Dynamic Cosine Method for Normalizing Incidence Angle Effect on C-band Radar Backscattering Coefficient for Maize Canopies Based on NDVI. Remote Sensing, 2021, 13, 2856.	4.0	5
16	Quantitative Analysis of Spectral Response to Soda Saline-AlkaliSoil after Cracking Process: A Laboratory Procedure to Improve Soil Property Estimation. Remote Sensing, 2019, 11, 1406.	4.0	3
17	Effect of Saline Soil Cracks on Satellite Spectral Inversion Electrical Conductivity. Remote Sensing, 2020, 12, 3392.	4.0	3
18	Saline-Sodic Soil EC Retrieval Based on Box-Cox Transformation and Machine Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1692-1700.	4.9	3

#	Article	IF	Citations
19	A Fast Storage Method for Drone-Borne Passive Microwave Radiation Measurement. Sensors, 2021, 21, 6767.	3.8	2
20	Rapid surface roughness testing method and instrument. Emerging Materials Research, 2019, 8, 77-83.	0.7	1
21	Sequence-to-Sequence Learning for Prediction of Soil Temperature and Moisture. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	0