Changkun Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3855332/publications.pdf

Version: 2024-02-01

18	257	1040056	940533
papers	citations	9 h-index	16 g-index

18	18	18	225
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Simultaneous Prediction of Soil Properties and Vegetation Coverage from Vis-NIR Hyperspectral Data with a One-Dimensional Convolutional Neural Network: A Laboratory Simulation Study. Remote Sensing, 2022, 14, 397.	4.0	6
2	The effects of climate on soil microbial diversity shift after intensive agriculture in arid and semiarid regions. Science of the Total Environment, 2022, 821, 153075.	8.0	2
3	Spectral Index for Mapping Topsoil Organic Matter Content Based on ZY1-02D Satellite Hyperspectral Data in Jiangsu Province, China. ISPRS International Journal of Geo-Information, 2022, 11, 111.	2.9	12
4	Predicting soil moisture content over partially vegetation covered surfaces from hyperspectral data with deep learning. Soil Science Society of America Journal, 2021, 85, 989-1001.	2.2	17
5	Prediction of multiple soil fertility parameters using VisNIR spectroscopy and PXRF spectrometry. Soil Science Society of America Journal, 2021, 85, 591-605.	2.2	8
6	Linking soil bacterial diversity to satelliteâ€derived vegetation productivity: a case study in arid and semiâ€arid desert areas. Environmental Microbiology, 2021, 23, 6137-6147.	3.8	1
7	Distinct Assembly Processes and Determinants of Soil Microbial Communities between Farmland and Grassland in Arid and Semiarid Areas. Applied and Environmental Microbiology, 2021, 87, e0101021.	3.1	7
8	Soil microbiotic homogenization occurred after longâ€term agricultural development in desert areas across northern China. Land Degradation and Development, 2020, 31, 1014-1025.	3.9	7
9	Estimating the soil salinity over partially vegetated surfaces from multispectral remote sensing image using non-negative matrix factorization. Geoderma, 2019, 354, 113887.	5.1	35
10	Mapping the Salt Content in Soil Profiles using Visâ€NIR Hyperspectral Imaging. Soil Science Society of America Journal, 2018, 82, 1259-1269.	2.2	14
11	Estimation of Clay and Soil Organic Carbon Using Visible and Nearâ€Infrared Spectroscopy and Unground Samples. Soil Science Society of America Journal, 2016, 80, 1393-1402.	2.2	9
12	Soil Organic Carbon Stocks in Terrestrial Ecosystems of China: Revised Estimation on Three-Dimensional Surfaces. Sustainability, 2016, 8, 1003.	3.2	2
13	Improving the Prediction of Soil Organic Matter Using Visible and near Infrared Spectroscopy of Moist Samples. Journal of Near Infrared Spectroscopy, 2016, 24, 231-241.	1.5	12
14	Predicting Soil Salinity with Visâ€“NIR Spectra after Removing the Effects of Soil Moisture Using External Parameter Orthogonalization. PLoS ONE, 2015, 10, e0140688.	2.5	20
15	Predicting Soil Salt Content Over Partially Vegetated Surfaces Using Non-Negative Matrix Factorization. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 5305-5316.	4.9	24
16	Prediction of Soil Organic Matter Content Under Moist Conditions Using VIS-NIR Diffuse Reflectance Spectroscopy. Soil Science, 2013, 178, 189-193.	0.9	57
17	Alleviating Moisture Effects on Remote Sensing Estimation of Crop Residue Cover. Agronomy Journal, 2013, 105, 967-976.	1.8	15
18	Modeling the Effect of Moisture on the Reflectance of Crop Residues. Agronomy Journal, 2012, 104, 1652-1657.	1.8	9