An-Hong Tian

List of Publications by Year
in descending order

18 papers	98 citations	1477746 6 h-index	1473754 9 g-index
19 all docs	19 docs citations	19 times ranked	81 citing authors

#	Article	IF	Citations
1	Soil Salinization Level Monitoring and Classifying by Mixed Chaotic Systems. Remote Sensing, 2021, 13, 3819.	1.8	0
2	Study on the Pretreatment of Soil Hyperspectral and Na+ Ion Data under Different Degrees of Human Activity Stress by Fractional-Order Derivatives. Remote Sensing, 2021, 13, 3974.	1.8	6
3	Hyperspectral Prediction of Soil Total Salt Content by Different Disturbance Degree under a Fractional-Order Differential Model with Differing Spectral Transformations. Remote Sensing, 2021, 13, 4283.	1.8	8
4	Estimation of Salinity Content in Different Saline-Alkali Zones Based on Machine Learning Model Using FOD Pretreatment Method. Remote Sensing, 2021, 13, 5140.	1.8	7
5	A New Methodology of Soil Salinization Degree Classification by Probability Neural Network Model Based on Centroid of Fractional Lorenz Chaos Self-Synchronization Error Dynamics. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 799-810.	2.7	12
6	Estimation of Low Organic Matter Content in Desert Soil of Arid Area Based on Fractional Order Sprott Chaotic Circuit and Gray Theory. IEEE Access, 2020, 8, 25001-25013.	2.6	0
7	Classifying and Predicting Salinization Level in Arid Area Soil Using a Combination of Chua's Circuit and Fractional Order Sprott Chaotic System. Sensors, 2019, 19, 4517.	2.1	2
8	Impact of Fractional Calculus on Correlation Coefficient between Available Potassium and Spectrum Data in Ground Hyperspectral and Landsat 8 Image. Mathematics, 2019, 7, 488.	1.1	6
9	Innovative Intelligent Methodology for the Classification of Soil Salinization Degree Using a Fractional-Order Master-Slave Chaotic System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950026.	0.7	5
10	Study on the Effect of Fractional Derivative on the Hyperspectral Data of Soil Organic Matter Content in Arid Region. Journal of Spectroscopy, 2019, 2019, 1-11.	0.6	4
11	Corrigendum to "Application of Fractional Differential Calculation in Pretreatment of Saline Soil Hyperspectral Reflectance Data". Journal of Sensors, 2019, 2019, 1-2.	0.6	0
12	Land surface temperature vs. Soil spectral reflectance fractional approach and fractional differential algorithm. Thermal Science, 2019, 23, 2389-2395.	0.5	1
13	Fractional Modeling for Quantitative Inversion of Soil-Available Phosphorus Content. Mathematics, 2018, 6, 330.	1.1	3
14	Application of Fractional Differential Calculation in Pretreatment of Saline Soil Hyperspectral Reflectance Data. Journal of Sensors, 2018, 2018, 1-12.	0.6	7
15	Determination of Soil Salt Content Using a Probability Neural Network Model Based on Particle Swarm Optimization in Areas Affected and Non-Affected by Human Activities. Remote Sensing, 2018, 10, 1387.	1.8	13
16	Intelligent Ball Bearing Fault Diagnosis Using Fractional Lorenz Chaos Extension Detection. Sensors, 2018, 18, 3069.	2.1	11
17	Fractional Order Chaos Synchronization for Real-Time Intelligent Diagnosis of Islanding in Solar Power Grid Systems. Energies, 2018, 11, 1183.	1.6	9
18	Pretreatment of Total Phosphorus Content in Saline Soil in Arid Area by Fractional Differential Algorithm. Sensors and Materials, 2018, 30, 2469.	0.3	3