

# An-Hong Tian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6631823/publications.pdf>

Version: 2024-02-01

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