Jinling Zhao

List of Publications by Year
in descending order

55 papers	**907** citations	430874 **18** h-index	501196 **28** g-index
55 all docs	**55** docs citations	**55** times ranked	**851** citing authors

#	ARTICLE	IF	CITATIONS
1	New Optimized Spectral Indices for Identifying and Monitoring Winter Wheat Diseases. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2516-2524.	4.9	139
2	Evaluation of the Consistency of MODIS Land Cover Product (MCD12Q1) Based on Chinese 30 m GlobeLand30 Datasets: A Case Study in Anhui Province, China. ISPRS International Journal of Geo-Information, 2015, 4, 2519-2541.	2.9	75
3	Hyperspectral measurements of severity of stripe rust on individual wheat leaves. European Journal of Plant Pathology, 2014, 139, 407-417.	1.7	57
4	Rapid detection of adulteration of minced beef using Vis/NIR reflectance spectroscopy with multivariate methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 230, 118005.	3.9	49
5	Hyperspectral-based Estimation of Leaf Nitrogen Content in Corn Using Optimal Selection of Multiple Spectral Variables. Sensors, 2019, 19, 2898.	3.8	41
6	Identification of Leaf-Scale Wheat Powdery Mildew (Blumeria graminis f. sp. Tritici) Combining Hyperspectral Imaging and an SVM Classifier. Plants, 2020, 9, 936.	3.5	37
7	Fast detection of fenthion on fruit and vegetable peel using dynamic surface-enhanced Raman spectroscopy and random forests with variable selection. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 200, 20-25.	3.9	35
8	Diagnosis of the Severity of Fusarium Head Blight of Wheat Ears on the Basis of Image and Spectral Feature Fusion. Sensors, 2020, 20, 2887.	3.8	33
9	Dynamic surface-enhanced Raman spectroscopy for the detection of acephate residue in rice by using gold nanorods modified with cysteamine and multivariant methods. Food Chemistry, 2020, 310, 125855.	8.2	29
10	A Self-Powered Flexible Thermoelectric Sensor and Its Application on the Basis of the Hollow PEDOT:PSS Fiber. Polymers, 2020, 12, 553.	4.5	29
11	Identification of Fusarium Head Blight in Winter Wheat Ears Based on Fisher's Linear Discriminant Analysis and a Support Vector Machine. Applied Sciences (Switzerland), 2019, 9, 3894.	2.5	27
12	Compressible Supercapacitor with Residual Stress Effect for Sensitive Elastic-Electrochemical Stress Sensor. ACS Applied Materials & Interfaces, 2018, 10, 38057-38065.	8.0	25
13	Dynamic surface-enhanced Raman spectroscopy and Chemometric methods for fast detection and intelligent identification of methamphetamine and 3, 4-Methylenedioxy methamphetamine in human urine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 189, 1-7.	3.9	20
14	Feasibility of Authenticating Mutton Geographical Origin and Breed Via Hyperspectral Imaging with Effective Variables of Multiple Features. Food Analytical Methods, 2021, 14, 834-844.	2.6	20
15	Monitoring of Wheat Scab Using the Specific Spectral Index from ASD Hyperspectral Dataset. Journal of Spectroscopy, 2019, 2019, 1-9.	1.3	20
16	Fast and Quantitative Analysis of Ediphenphos Residue in Rice Using Surface-Enhanced Raman Spectroscopy. Journal of Food Science, 2018, 83, 1179-1185.	3.1	19
17	Forecasting the wheat powdery mildew (Blumeria graminis f. Sp. tritici) using a remote sensing-based decision-tree classification at a provincial scale. Australasian Plant Pathology, 2018, 47, 53-61.	1.0	19
18	Ultrathin PEDOT:PSS/rGO Aerogel Providing Tape-Like Self-Healable Electrode for Sensing Space Electric Field with Electrochemical Mechanism. Advanced Electronic Materials, 2019, 5, 1900637.	5.1	19

#	ARTICLE	IF	CITATIONS
19	A Watershed-Segmentation-Based Improved Algorithm for Extracting Cultivated Land Boundaries. Remote Sensing, 2021, 13, 939.	4.0	19
20	A combination method of stacked autoencoder and 3D deep residual network for hyperspectral image classification. International Journal of Applied Earth Observation and Geoinformation, 2021, 102, 102459.	2.8	19
21	Determination of adulteration in wheat flour using multi-grained cascade forest-related models coupled with the fusion information of hyperspectral imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 270, 120813.	3.9	18
22	Characterizing spatiotemporal dynamics of land cover with multi-temporal remotely sensed imagery in Beijing during 1978–2010. Arabian Journal of Geosciences, 2014, 7, 3945-3959.	1.3	16
23	Identification of wheat powdery mildew using in-situ hyperspectral data and linear regression and support vector machines. Journal of Plant Pathology, 2019, 101, 1035-1045.	1.2	14
24	A Refined Bilateral Filtering Algorithm Based on Adaptively-Trimmed-Statistics for Speckle Reduction in SAR Imagery. IEEE Access, 2019, 7, 103443-103455.	4.2	12
25	Detection of Pirimiphos-Methyl in Wheat Using Surface-Enhanced Raman Spectroscopy and Chemometric Methods. Molecules, 2019, 24, 1691.	3.8	11
26	Watershed Segmentation Algorithm Based on Luv Color Space Region Merging for Extracting Slope Hazard Boundaries. ISPRS International Journal of Geo-Information, 2020, 9, 246.	2.9	9
27	Fusion of Unmanned Aerial Vehicle Panchromatic and Hyperspectral Images Combining Joint Skewness-Kurtosis Figures and a Non-Subsampled Contourlet Transform. Sensors, 2018, 18, 3467.	3.8	8
28	Quantitative Determination of Chlormequat Chloride Residue in Wheat Using Surface-Enhanced Raman Spectroscopy. International Journal of Analytical Chemistry, 2018, 2018, 1-8.	1.0	8
29	Fusion and assessment of high-resolution WorldView-3 satellite imagery using NNDiffuse and Brovey algotirhms. , 2016, , .		7
30	Land Cover Based Landscape Pattern Dynamics of Anhui Province Using GlobCover and MCD12Q1 Global Land Cover Products. Sustainability, 2018, 10, 1285.	3.2	7
31	Extraction of Arecanut Planting Distribution Based on the Feature Space Optimization of PlanetScope Imagery. Agriculture (Switzerland), 2021, 11, 371.	3.1	7
32	Identification of Fusarium head blight in wheat ears using vertical angle-based reflectance spectroscopy. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	6
33	Hybrid Dense Network with Dual Attention for Hyperspectral Image Classification. Remote Sensing, 2021, 13, 4921.	4.0	6
34	Characterisation of spatial patterns of regional paddy rice with time series remotely sensed data. Paddy and Water Environment, 2016, 14, 439-449.	1.8	5
35	Identification of geomorphological hazards in an underground coal mining area based on an improved region merging watershed algorithm. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	5
36	Recognition of Areca Leaf Yellow Disease Based on PlanetScope Satellite Imagery. Agronomy, 2022, 12, 14.	3.0	5

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37	Assessment of SPOT-6 optical remote sensing data against GF-1 using NNDiffuse image fusion algorithm. Modern Physics Letters B, 2017, 31, 1740043.	1.9	4
38	New Triangle Vegetation Indices for Estimating Leaf Area Index on Maize. Journal of the Indian Society of Remote Sensing, 2018, 46, 1907-1914.	2.4	4
39	Evaluation of Landsat-8 OLI satellite imagery by a cross-comparison method combining spectral and texture features. Journal of Optics (India), 2017, 46, 295-303.	1.7	3
40	Developing a small UAV platform to detect sheath blight of rice. , 2017, , .		3
41	Use of Landsat thermal imagery for dynamically monitoring spontaneous combustion of Datong Jurassic coalfields in China. Journal of Earth System Science, 2018, 127, 1.	1.3	3
42	The impact of Central Asian tourists' risk perception on their travel intentions during the COVID-19 pandemic. Tourism(Poland), 2021, 31, 133-154.	0.7	3
43	Spectroscopic analysis of a new blue-light-excited rare earth complex. Journal of Materials Science: Materials in Electronics, 2016, 27, 2979-2984.	2.2	2
44	Investigation of Natural Ecological Enviroment Using Remote Sensing Based Integrated Index at a City Scale. , 2018, , .		2
45	Research on Diagnosis Characteristics of Wheat Powdery Mildew Under Different Severity Grading Standards. , 2019, , .		2
46	Identification of Remote Sensing-Based Land Cover Types Combining Nearest-Neighbor Classification and SEaTH Algorithm. Journal of the Indian Society of Remote Sensing, 2020, 48, 1007-1020.	2.4	2
47	Application of a convolutional neural network to land use classification based on GF-2 remote sensing imagery. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	2
48	Vertical features of yellow rust infestation on winter wheat using hyperspectral imaging measurements. , 2016, , .		1
49	Monitoring of powdery mildew on Winter wheat using multi-temporal HJ-CCD imagery on a regional scale. , 2017, , .		1
50	Multi-temporal MOD09A1-based detecting of major growth stages of paddy rice on a provincial scale. , 2017, , .		0
51	Detector for rapid detection of trace Cu2+ in paddy water based on dual-wavelength quantum dot fluorescent probe. Paddy and Water Environment, 2018, 16, 595-600.	1.8	0
52	Remote Sensing Based Monitoring of Winter Wheat Powdery Mildew at a Regional Scale Using Random Forest Model. IOP Conference Series: Earth and Environmental Science, 2019, 234, 012015.	0.3	0
53	Estimation of the Leaf Area Index Using a Modified Triangular Difference Vegetation Index. , 2019, , .		0
54	UAV-Based Identification of Achnatherum Splendens Community Combining K-Means and Artificial Fish Swarm Algorithm. , 2019, , .		0

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55	Analysis of Anti-interference Ability of Hyperspectral Sensitive Features to Wheat Powdery Mildew. IOP Conference Series: Earth and Environmental Science, 2021, 693, 012124.	0.3	0