

Jinling Zhao

List of Publications by Year in descending order

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55
papers

907
citations

430874

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h-index

501196

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docs citations

55
times ranked

851
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of adulteration in wheat flour using multi-grained cascade forest-related models coupled with the fusion information of hyperspectral imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120813.	3.9	18
2	Recognition of Areca Leaf Yellow Disease Based on PlanetScope Satellite Imagery. <i>Agronomy</i> , 2022, 12, 14.	3.0	5
3	Feasibility of Authenticating Mutton Geographical Origin and Breed Via Hyperspectral Imaging with Effective Variables of Multiple Features. <i>Food Analytical Methods</i> , 2021, 14, 834-844.	2.6	20
4	A Watershed-Segmentation-Based Improved Algorithm for Extracting Cultivated Land Boundaries. <i>Remote Sensing</i> , 2021, 13, 939.	4.0	19
5	Analysis of Anti-interference Ability of Hyperspectral Sensitive Features to Wheat Powdery Mildew. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 693, 012124.	0.3	0
6	Identification of Fusarium head blight in wheat ears using vertical angle-based reflectance spectroscopy. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	6
7	Extraction of Arecanut Planting Distribution Based on the Feature Space Optimization of PlanetScope Imagery. <i>Agriculture (Switzerland)</i> , 2021, 11, 371.	3.1	7
8	A combination method of stacked autoencoder and 3D deep residual network for hyperspectral image classification. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102459.	2.8	19
9	Application of a convolutional neural network to land use classification based on GF-2 remote sensing imagery. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	2
10	Hybrid Dense Network with Dual Attention for Hyperspectral Image Classification. <i>Remote Sensing</i> , 2021, 13, 4921.	4.0	6
11	The impact of Central Asian tourists's risk perception on their travel intentions during the COVID-19 pandemic. <i>Tourism(Poland)</i> , 2021, 31, 133-154.	0.7	3
12	Dynamic surface-enhanced Raman spectroscopy for the detection of acephate residue in rice by using gold nanorods modified with cysteamine and multivariant methods. <i>Food Chemistry</i> , 2020, 310, 125855.	8.2	29
13	Identification of Leaf-Scale Wheat Powdery Mildew (<i>Blumeria graminis</i> f. sp. <i>Tritici</i>) Combining Hyperspectral Imaging and an SVM Classifier. <i>Plants</i> , 2020, 9, 936.	3.5	37
14	Identification of Remote Sensing-Based Land Cover Types Combining Nearest-Neighbor Classification and SEaTH Algorithm. <i>Journal of the Indian Society of Remote Sensing</i> , 2020, 48, 1007-1020.	2.4	2
15	Identification of geomorphological hazards in an underground coal mining area based on an improved region merging watershed algorithm. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	5
16	A Self-Powered Flexible Thermoelectric Sensor and Its Application on the Basis of the Hollow PEDOT:PSS Fiber. <i>Polymers</i> , 2020, 12, 553.	4.5	29
17	Rapid detection of adulteration of minced beef using Vis/NIR reflectance spectroscopy with multivariate methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118005.	3.9	49
18	Watershed Segmentation Algorithm Based on Luv Color Space Region Merging for Extracting Slope Hazard Boundaries. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 246.	2.9	9

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19	Diagnosis of the Severity of Fusarium Head Blight of Wheat Ears on the Basis of Image and Spectral Feature Fusion. <i>Sensors</i> , 2020, 20, 2887.	3.8	33
20	Hyperspectral-based Estimation of Leaf Nitrogen Content in Corn Using Optimal Selection of Multiple Spectral Variables. <i>Sensors</i> , 2019, 19, 2898.	3.8	41
21	Ultrathin PEDOT:PSS/rGO Aerogel Providing Tape-Like Self-Healable Electrode for Sensing Space Electric Field with Electrochemical Mechanism. <i>Advanced Electronic Materials</i> , 2019, 5, 1900637.	5.1	19
22	A Refined Bilateral Filtering Algorithm Based on Adaptively-Trimmed-Statistics for Speckle Reduction in SAR Imagery. <i>IEEE Access</i> , 2019, 7, 103443-103455.	4.2	12
23	Research on Diagnosis Characteristics of Wheat Powdery Mildew Under Different Severity Grading Standards. , 2019, , .		2
24	Detection of Pirimiphos-Methyl in Wheat Using Surface-Enhanced Raman Spectroscopy and Chemometric Methods. <i>Molecules</i> , 2019, 24, 1691.	3.8	11
25	Identification of wheat powdery mildew using in-situ hyperspectral data and linear regression and support vector machines. <i>Journal of Plant Pathology</i> , 2019, 101, 1035-1045.	1.2	14
26	Remote Sensing Based Monitoring of Winter Wheat Powdery Mildew at a Regional Scale Using Random Forest Model. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 234, 012015.	0.3	0
27	Identification of Fusarium Head Blight in Winter Wheat Ears Based on Fisher's Linear Discriminant Analysis and a Support Vector Machine. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3894.	2.5	27
28	Estimation of the Leaf Area Index Using a Modified Triangular Difference Vegetation Index. , 2019, , .		0
29	UAV-Based Identification of <i>Achnatherum Splendens</i> Community Combining K-Means and Artificial Fish Swarm Algorithm. , 2019, , .		0
30	Monitoring of Wheat Scab Using the Specific Spectral Index from ASD Hyperspectral Dataset. <i>Journal of Spectroscopy</i> , 2019, 2019, 1-9.	1.3	20
31	Fast detection of fenthion on fruit and vegetable peel using dynamic surface-enhanced Raman spectroscopy and random forests with variable selection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 200, 20-25.	3.9	35
32	Fast and Quantitative Analysis of Ediphenphos Residue in Rice Using Surface-Enhanced Raman Spectroscopy. <i>Journal of Food Science</i> , 2018, 83, 1179-1185.	3.1	19
33	Forecasting the wheat powdery mildew (<i>Blumeria graminis</i> f. <i>Sp. tritici</i>) using a remote sensing-based decision-tree classification at a provincial scale. <i>Australasian Plant Pathology</i> , 2018, 47, 53-61.	1.0	19
34	Dynamic surface-enhanced Raman spectroscopy and Chemometric methods for fast detection and intelligent identification of methamphetamine and 3, 4-Methylenedioxy methamphetamine in human urine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 1-7.	3.9	20
35	Land Cover Based Landscape Pattern Dynamics of Anhui Province Using GlobCover and MCD12Q1 Global Land Cover Products. <i>Sustainability</i> , 2018, 10, 1285.	3.2	7
36	Investigation of Natural Ecological Environment Using Remote Sensing Based Integrated Index at a City Scale. , 2018, , .		2

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37	Fusion of Unmanned Aerial Vehicle Panchromatic and Hyperspectral Images Combining Joint Skewness-Kurtosis Figures and a Non-Subsampled Contourlet Transform. <i>Sensors</i> , 2018, 18, 3467.	3.8	8
38	Compressible Supercapacitor with Residual Stress Effect for Sensitive Elastic-Electrochemical Stress Sensor. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38057-38065.	8.0	25
39	New Triangle Vegetation Indices for Estimating Leaf Area Index on Maize. <i>Journal of the Indian Society of Remote Sensing</i> , 2018, 46, 1907-1914.	2.4	4
40	Detector for rapid detection of trace Cu ²⁺ in paddy water based on dual-wavelength quantum dot fluorescent probe. <i>Paddy and Water Environment</i> , 2018, 16, 595-600.	1.8	0
41	Use of Landsat thermal imagery for dynamically monitoring spontaneous combustion of Datong Jurassic coalfields in China. <i>Journal of Earth System Science</i> , 2018, 127, 1.	1.3	3
42	Quantitative Determination of Chloromequat Chloride Residue in Wheat Using Surface-Enhanced Raman Spectroscopy. <i>International Journal of Analytical Chemistry</i> , 2018, 2018, 1-8.	1.0	8
43	Assessment of SPOT-6 optical remote sensing data against GF-1 using NNDiffuse image fusion algorithm. <i>Modern Physics Letters B</i> , 2017, 31, 1740043.	1.9	4
44	Evaluation of Landsat-8 OLI satellite imagery by a cross-comparison method combining spectral and texture features. <i>Journal of Optics (India)</i> , 2017, 46, 295-303.	1.7	3
45	Developing a small UAV platform to detect sheath blight of rice. , 2017, , .		3
46	Monitoring of powdery mildew on Winter wheat using multi-temporal HJ-CCD imagery on a regional scale. , 2017, , .		1
47	Multi-temporal MOD09A1-based detecting of major growth stages of paddy rice on a provincial scale. , 2017, , .		0
48	Fusion and assessment of high-resolution WorldView-3 satellite imagery using NNDiffuse and Brovey algoritrhms. , 2016, , .		7
49	Vertical features of yellow rust infestation on winter wheat using hyperspectral imaging measurements. , 2016, , .		1
50	Spectroscopic analysis of a new blue-light-excited rare earth complex. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 2979-2984.	2.2	2
51	Characterisation of spatial patterns of regional paddy rice with time series remotely sensed data. <i>Paddy and Water Environment</i> , 2016, 14, 439-449.	1.8	5
52	Evaluation of the Consistency of MODIS Land Cover Product (MCD12Q1) Based on Chinese 30 m GlobeLand30 Datasets: A Case Study in Anhui Province, China. <i>ISPRS International Journal of Geo-Information</i> , 2015, 4, 2519-2541.	2.9	75
53	Hyperspectral measurements of severity of stripe rust on individual wheat leaves. <i>European Journal of Plant Pathology</i> , 2014, 139, 407-417.	1.7	57
54	Characterizing spatiotemporal dynamics of land cover with multi-temporal remotely sensed imagery in Beijing during 1978â€“2010. <i>Arabian Journal of Geosciences</i> , 2014, 7, 3945-3959.	1.3	16

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55	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