

Fei Liu

List of Publications by Year in descending order

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146
papers

4,821
citations

76294

40
h-index

114418

63
g-index

157
all docs

157
docs citations

157
times ranked

3712
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Deep Learning in Food: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 1793-1811.	5.9	291
2	Hyperspectral imaging analysis for ripeness evaluation of strawberry with support vector machine. <i>Journal of Food Engineering</i> , 2016, 179, 11-18.	2.7	166
3	Rice Seed Cultivar Identification Using Near-Infrared Hyperspectral Imaging and Multivariate Data Analysis. <i>Sensors</i> , 2013, 13, 8916-8927.	2.1	149
4	Application of Visible and Near Infrared Hyperspectral Imaging to Differentiate Between Fresh and Frozen Thawed Fish Fillets. <i>Food and Bioprocess Technology</i> , 2013, 6, 2931-2937.	2.6	144
5	Application of Hyperspectral Imaging and Chemometric Calibrations for Variety Discrimination of Maize Seeds. <i>Sensors</i> , 2012, 12, 17234-17246.	2.1	140
6	Determination of effective wavelengths for discrimination of fruit vinegars using near infrared spectroscopy and multivariate analysis. <i>Analytica Chimica Acta</i> , 2008, 615, 10-17.	2.6	120
7	Hyperspectral Imaging for Presymptomatic Detection of Tobacco Disease with Successive Projections Algorithm and Machine-learning Classifiers. <i>Scientific Reports</i> , 2017, 7, 4125.	1.6	119
8	Challenging applications for multi-element analysis by laser-induced breakdown spectroscopy in agriculture: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 260-272.	5.8	107
9	Comparison of calibrations for the determination of soluble solids content and pH of rice vinegars using visible and short-wave near infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2008, 610, 196-204.	2.6	106
10	Detecting macronutrients content and distribution in oilseed rape leaves based on hyperspectral imaging. <i>Biosystems Engineering</i> , 2013, 115, 56-65.	1.9	106
11	Non-destructive determination of Malondialdehyde (MDA) distribution in oilseed rape leaves by laboratory scale NIR hyperspectral imaging. <i>Scientific Reports</i> , 2016, 6, 35393.	1.6	99
12	Ripeness Classification of Astringent Persimmon Using Hyperspectral Imaging Technique. <i>Food and Bioprocess Technology</i> , 2014, 7, 1371-1380.	2.6	98
13	Variable selection in visible/near infrared spectra for linear and nonlinear calibrations: A case study to determine soluble solids content of beer. <i>Analytica Chimica Acta</i> , 2009, 635, 45-52.	2.6	97
14	Application of Near-Infrared Hyperspectral Imaging with Variable Selection Methods to Determine and Visualize Caffeine Content of Coffee Beans. <i>Food and Bioprocess Technology</i> , 2017, 10, 213-221.	2.6	93
15	Application of successive projections algorithm for variable selection to determine organic acids of plum vinegar. <i>Food Chemistry</i> , 2009, 115, 1430-1436.	4.2	89
16	Hyperspectral imaging for seed quality and safety inspection: a review. <i>Plant Methods</i> , 2019, 15, 91.	1.9	88
17	Detection of Organic Acids and pH of Fruit Vinegars Using Near-Infrared Spectroscopy and Multivariate Calibration. <i>Food and Bioprocess Technology</i> , 2011, 4, 1331-1340.	2.6	80
18	Hyperspectral Imaging for Mapping of Total Nitrogen Spatial Distribution in Pepper Plant. <i>PLoS ONE</i> , 2014, 9, e116205.	1.1	80

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19	Feasibility of the use of visible and near infrared spectroscopy to assess soluble solids content and pH of rice wines. <i>Journal of Food Engineering</i> , 2007, 83, 430-435.	2.7	71
20	Measurement of Soluble Solid Contents and pH of White Vinegars Using VIS/NIR Spectroscopy and Least Squares Support Vector Machine. <i>Food and Bioprocess Technology</i> , 2014, 7, 54-61.	2.6	71
21	Application of Visible and Near-Infrared Hyperspectral Imaging to Determine Soluble Protein Content in Oilseed Rape Leaves. <i>Sensors</i> , 2015, 15, 16576-16588.	2.1	70
22	Determination of acetolactate synthase activity and protein content of oilseed rape (<i>Brassica napus</i>) Tj ETQq0 0 0 rrgBT /Overlock 10 Tf	2.6	69
23	Identification of Rice Seed-Derived <i>Fusarium</i> spp. and Development of LAMP Assay against <i>Fusarium fujikuroi</i> . <i>Pathogens</i> , 2021, 10, 1.	1.2	69
24	Application of Visible and Near-Infrared Hyperspectral Imaging for Detection of Defective Features in Loquat. <i>Food and Bioprocess Technology</i> , 2014, 7, 3077-3087.	2.6	65
25	Rapid Classification of Wheat Grain Varieties Using Hyperspectral Imaging and Chemometrics. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4119.	1.3	65
26	Detection of adulteration in food based on nondestructive analysis techniques: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 2351-2371.	5.4	63
27	Laser-Induced Breakdown Spectroscopy Coupled with Multivariate Chemometrics for Variety Discrimination of Soil. <i>Scientific Reports</i> , 2016, 6, 27574.	1.6	61
28	Moisture Influence Reducing Method for Heavy Metals Detection in Plant Materials Using Laser-Induced Breakdown Spectroscopy: A Case Study for Chromium Content Detection in Rice Leaves. <i>Analytical Chemistry</i> , 2017, 89, 7593-7600.	3.2	59
29	Rapid and non-destructive measurement of spinach pigments content during storage using hyperspectral imaging with chemometrics. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 97, 149-155.	2.5	59
30	Application of Hyperspectral Imaging to Detect <i>Sclerotinia sclerotiorum</i> on Oilseed Rape Stems. <i>Sensors</i> , 2018, 18, 123.	2.1	55
31	Co-localization of major quantitative trait loci for pod size and weight to a 3.7ÂcM interval on chromosome A05 in cultivated peanut (<i>Arachis hypogaea</i> L.). <i>BMC Genomics</i> , 2017, 18, 58.	1.2	54
32	Quantitative Analysis of Nutrient Elements in Soil Using Single and Double-Pulse Laser-Induced Breakdown Spectroscopy. <i>Sensors</i> , 2018, 18, 1526.	2.1	52
33	Rapid and Nondestructive Measurement of Rice Seed Vitality of Different Years Using Near-Infrared Hyperspectral Imaging. <i>Molecules</i> , 2019, 24, 2227.	1.7	52
34	Identification of coffee bean varieties using hyperspectral imaging: influence of preprocessing methods and pixel-wise spectra analysis. <i>Scientific Reports</i> , 2018, 8, 2166.	1.6	49
35	Using hyperspectral analysis as a potential high throughput phenotyping tool in GWAS for protein content of rice quality. <i>Plant Methods</i> , 2019, 15, 54.	1.9	48
36	Application of near-infrared hyperspectral imaging for variety identification of coated maize kernels with deep learning. <i>Infrared Physics and Technology</i> , 2020, 111, 103550.	1.3	48

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37	Classification of brands of instant noodles using Vis/NIR spectroscopy and chemometrics. <i>Food Research International</i> , 2008, 41, 562-567.	2.9	45
38	Fast Detection of Copper Content in Rice by Laser-Induced Breakdown Spectroscopy with Uni- and Multivariate Analysis. <i>Sensors</i> , 2018, 18, 705.	2.1	44
39	Requirement of LaeA, VeA, and VelB on Asexual Development, Ochratoxin A Biosynthesis, and Fungal Virulence in <i>Aspergillus ochraceus</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2759.	1.5	44
40	Practicability investigation of using near-infrared hyperspectral imaging to detect rice kernels infected with rice false smut in different conditions. <i>Sensors and Actuators B: Chemical</i> , 2020, 308, 127696.	4.0	44
41	Applying Near-Infrared Spectroscopy and Chemometrics to Determine Total Amino Acids in Herbicide-Stressed Oilseed Rape Leaves. <i>Food and Bioprocess Technology</i> , 2011, 4, 1314-1321.	2.6	42
42	Fast detection of tobacco mosaic virus infected tobacco using laser-induced breakdown spectroscopy. <i>Scientific Reports</i> , 2017, 7, 44551.	1.6	42
43	Investigation on Data Fusion of Multisource Spectral Data for Rice Leaf Diseases Identification Using Machine Learning Methods. <i>Frontiers in Plant Science</i> , 2020, 11, 577063.	1.7	41
44	Noise reduction in the spectral domain of hyperspectral images using denoising autoencoder methods. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 203, 104063.	1.8	41
45	Infrared spectroscopy and chemometrics for the starch and protein prediction in irradiated rice. <i>Food Chemistry</i> , 2011, 126, 1856-1861.	4.2	40
46	Shape induced reflectance correction for non-destructive determination and visualization of soluble solids content in winter jujubes using hyperspectral imaging in two different spectral ranges. <i>Postharvest Biology and Technology</i> , 2020, 161, 111080.	2.9	39
47	Application of visible/near infrared spectroscopy and chemometric calibrations for variety discrimination of instant milk teas. <i>Journal of Food Engineering</i> , 2009, 93, 127-133.	2.7	38
48	Deep Learning Associated with Laser-Induced Breakdown Spectroscopy (LIBS) for the Prediction of Lead in Soil. <i>Applied Spectroscopy</i> , 2019, 73, 565-573.	1.2	38
49	pH-Signaling Transcription Factor AopacC Regulates Ochratoxin A Biosynthesis in <i>Aspergillus ochraceus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4394-4401.	2.4	35
50	Identification of Coffee Varieties Using Laser-Induced Breakdown Spectroscopy and Chemometrics. <i>Sensors</i> , 2018, 18, 95.	2.1	35
51	Detection of chlorpyrifos and carbendazim residues in the cabbage using visible/near-infrared spectroscopy combined with chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 257, 119759.	2.0	34
52	Multi-element analysis of heavy metal content in soils using laser-induced breakdown spectroscopy: A case study in eastern China. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 149, 300-312.	1.5	32
53	Recent progress of nondestructive techniques for fruits damage inspection: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 5476-5494.	5.4	30
54	Rapid Determination of Cadmium Contamination in Lettuce Using Laser-Induced Breakdown Spectroscopy. <i>Molecules</i> , 2018, 23, 2930.	1.7	28

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55	Fast visualization of distribution of chromium in rice leaves by re-heating dual-pulse laser-induced breakdown spectroscopy and chemometric methods. <i>Environmental Pollution</i> , 2019, 252, 1125-1132.	3.7	28
56	Use of Visible and Near Infrared Spectroscopy and Least Squares-Support Vector Machine To Determine Soluble Solids Content and pH of Cola Beverage. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8883-8888.	2.4	27
57	Comparative Study of the Detection of Chromium Content in Rice Leaves by 532 nm and 1064 nm Laser-Induced Breakdown Spectroscopy. <i>Sensors</i> , 2018, 18, 621.	2.1	26
58	High-Sensitivity Determination of Nutrient Elements in <i>Panax notoginseng</i> by Laser-induced Breakdown Spectroscopy and Chemometric Methods. <i>Molecules</i> , 2019, 24, 1525.	1.7	26
59	Rapid Identification of Genetically Modified Maize Using Laser-Induced Breakdown Spectroscopy. <i>Food and Bioprocess Technology</i> , 2019, 12, 347-357.	2.6	26
60	Mid-infrared spectroscopy combined with chemometrics to detect <i>Sclerotinia</i> stem rot on oilseed rape (<i>Brassica napus</i> L.) leaves. <i>Plant Methods</i> , 2017, 13, 39.	1.9	25
61	Detection of <i>Sclerotinia</i> Stem Rot on Oilseed Rape (<i>Brassica napus</i> L.) Leaves Using Hyperspectral Imaging. <i>Sensors</i> , 2018, 18, 1764.	2.1	25
62	High-accuracy and fast determination of chromium content in rice leaves based on collinear dual-pulse laser-induced breakdown spectroscopy and chemometric methods. <i>Food Chemistry</i> , 2019, 295, 327-333.	4.2	24
63	Detection of Aspartic Acid in Fermented <i>Cordyceps</i> Powder Using Near Infrared Spectroscopy Based on Variable Selection Algorithms and Multivariate Calibration Methods. <i>Food and Bioprocess Technology</i> , 2014, 7, 598-604.	2.6	23
64	Fast detection of peroxidase (POD) activity in tomato leaves which infected with <i>Botrytis cinerea</i> using hyperspectral imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 498-502.	2.0	22
65	Quantitative Determination of Cd in Soil Using Laser-Induced Breakdown Spectroscopy in Air and Ar Conditions. <i>Molecules</i> , 2018, 23, 2492.	1.7	22
66	Fast Quantification of Honey Adulteration with Laser-Induced Breakdown Spectroscopy and Chemometric Methods. <i>Foods</i> , 2020, 9, 341.	1.9	22
67	Discrimination of Grape Seeds Using Laser-Induced Breakdown Spectroscopy in Combination with Region Selection and Supervised Classification Methods. <i>Foods</i> , 2020, 9, 199.	1.9	22
68	Fast Classification of Geographical Origins of Honey Based on Laser-Induced Breakdown Spectroscopy and Multivariate Analysis. <i>Sensors</i> , 2020, 20, 1878.	2.1	22
69	Nondestructive determination of nutritional information in oilseed rape leaves using visible/near infrared spectroscopy and multivariate calibrations. <i>Science China Information Sciences</i> , 2011, 54, 598-608.	2.7	21
70	A Multi-Source Data Fusion Decision-Making Method for Disease and Pest Detection of Grape Foliage Based on ShuffleNet V2. <i>Remote Sensing</i> , 2021, 13, 5102.	1.8	20
71	Fast Detection of <i>Sclerotinia sclerotiorum</i> on Oilseed Rape Leaves Using Low-Altitude Remote Sensing Technology. <i>Sensors</i> , 2018, 18, 4464.	2.1	19
72	Rapid Identification of Kudzu Powder of Different Origins Using Laser-Induced Breakdown Spectroscopy. <i>Sensors</i> , 2019, 19, 1453.	2.1	19

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73	Determination and Visualization of pH Values in Anaerobic Digestion of Water Hyacinth and Rice Straw Mixtures Using Hyperspectral Imaging with Wavelet Transform Denoising and Variable Selection. <i>Sensors</i> , 2016, 16, 244.	2.1	18
74	Quantitative Analysis of Cadmium in Tobacco Roots Using Laser-Induced Breakdown Spectroscopy With Variable Index and Chemometrics. <i>Frontiers in Plant Science</i> , 2018, 9, 1316.	1.7	18
75	Determination of Protein Content of <i>Auricularia auricula</i> Using Near Infrared Spectroscopy Combined with Linear and Nonlinear Calibrations. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4520-4527.	2.4	17
76	Fast Analysis of Superoxide Dismutase (SOD) Activity in Barley Leaves Using Visible and Near Infrared Spectroscopy. <i>Sensors</i> , 2012, 12, 10871-10880.	2.1	17
77	Application of Laser-Induced Breakdown Spectroscopy in Detection of Cadmium Content in Rice Stems. <i>Frontiers in Plant Science</i> , 2020, 11, 599616.	1.7	17
78	Quantitative analysis of cadmium in rice roots based on LIBS and chemometrics methods. <i>Environmental Sciences Europe</i> , 2021, 33, .	2.6	17
79	Rapid and Accurate Varieties Classification of Different Crop Seeds Under Sample-Limited Condition Based on Hyperspectral Imaging and Deep Transfer Learning. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 696292.	2.0	17
80	Discrimination of Producing Areas of <i>Auricularia auricula</i> Using Visible/Near Infrared Spectroscopy. <i>Food and Bioprocess Technology</i> , 2011, 4, 387-394.	2.6	15
81	Beta-casomorphin-7 prevents epithelial-mesenchymal transdifferentiation of NRK-52E cells at high glucose level: Involvement of AngII-TGF- β 1 pathway. <i>Peptides</i> , 2015, 70, 37-44.	1.2	15
82	Wavelength Selection for Detection of Slight Bruises on Pears Based on Hyperspectral Imaging. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 450.	1.3	15
83	Geographic Origin Discrimination of Millet Using Vis-NIR Spectroscopy Combined with Machine Learning Techniques. <i>Foods</i> , 2021, 10, 2767.	1.9	15
84	Potential of Vis-NIR to measure heavy metals in different varieties of organic-fertilizers using Boruta and deep belief network. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 112996.	2.9	14
85	Irradiation dose detection of irradiated milk powder using visible and near-infrared spectroscopy and chemometrics. <i>Journal of Dairy Science</i> , 2013, 96, 4921-4927.	1.4	13
86	Application of Machine Learning Method to Quantitatively Evaluate the Droplet Size and Deposition Distribution of the UAV Spray Nozzle. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1759.	1.3	13
87	Mid-Infrared Spectroscopy for Coffee Variety Identification: Comparison of Pattern Recognition Methods. <i>Journal of Spectroscopy</i> , 2016, 2016, 1-7.	0.6	12
88	Variety Identification of Rice Vinegars Using Visible and Near Infrared Spectroscopy and Multivariate Calibrations. <i>International Journal of Food Properties</i> , 2011, 14, 1264-1276.	1.3	11
89	Quantitative Analysis of Total Amino Acid in Barley Leaves under Herbicide Stress Using Spectroscopic Technology and Chemometrics. <i>Sensors</i> , 2012, 12, 13393-13401.	2.1	11
90	Developing Novel Rice Yield Index Using UAV Remote Sensing Imagery Fusion Technology. <i>Drones</i> , 2022, 6, 151.	2.7	11

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91	Development of a Near Ground Remote Sensing System. <i>Sensors</i> , 2016, 16, 648.	2.1	10
92	Rapid Identification of Varieties of Walnut Powder Based on Laser-Induced Breakdown Spectroscopy. <i>Transactions of the ASABE</i> , 2017, 60, 19-28.	1.1	10
93	Signal Enhancement of Cadmium in Lettuce Using Laser-Induced Breakdown Spectroscopy Combined with Pyrolysis Process. <i>Molecules</i> , 2019, 24, 2517.	1.7	10
94	Detection of <i>Sclerotinia</i> Stem Rot on Oilseed Rape (<i>Brassica napus</i> L.) Based on Laser-Induced Breakdown Spectroscopy. <i>Transactions of the ASABE</i> , 2019, 62, 123-130.	1.1	9
95	High-Throughput Screening of Free Proline Content in Rice Leaf under Cadmium Stress Using Hyperspectral Imaging with Chemometrics. <i>Sensors</i> , 2020, 20, 3229.	2.1	9
96	A Non-Destructive Distinctive Method for Discrimination of Automobile Lubricant Variety by Visible and Short-Wave Infrared Spectroscopy. <i>Sensors</i> , 2012, 12, 3498-3511.	2.1	8
97	Roughness measurement of leaf surface based on shape from focus. <i>Plant Methods</i> , 2021, 17, 72.	1.9	8
98	Particle Swarm Optimization and Multiple Stacked Generalizations to Detect Nitrogen and Organic-Matter in Organic-Fertilizer Using Vis-NIR. <i>Sensors</i> , 2021, 21, 4882.	2.1	8
99	Research on WSN Channel Fading Model and Experimental Analysis in Orchard Environment. <i>International Federation for Information Processing</i> , 2012, , 326-333.	0.4	8
100	Feasibility Study on a Portable Field Pest Classification System Design Based on DSP and 3G Wireless Communication Technology. <i>Sensors</i> , 2012, 12, 3118-3130.	2.1	7
101	Multilevel LASSO-based NIR temperature-correction modeling for viscosity measurement of bisphenol-A. <i>ISA Transactions</i> , 2020, 107, 206-213.	3.1	7
102	Detection of Glutamic Acid in Oilseed Rape Leaves Using Near Infrared Spectroscopy and the Least Squares-Support Vector Machine. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14106-14114.	1.8	6
103	Measurement of aspartic acid in oilseed rape leaves under herbicide stress using near infrared spectroscopy and chemometrics. <i>Heliyon</i> , 2016, 2, e00064.	1.4	6
104	Application of Visible/Near Infrared Spectrometers to Quickly Detect the Nitrogen, Phosphorus, and Potassium Content of Chemical Fertilizers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5103.	1.3	6
105	Application of Laser-Induced Breakdown Spectroscopy and Chemometrics for the Quality Evaluation of Foods with Medicinal Properties: A Review. <i>Foods</i> , 2022, 11, 2051.	1.9	6
106	Application of Least Squares-Support Vector Machine for Measurement of Soluble Solids Content of Rice Vinegars Using Vis/NIR Spectroscopy. , 2007, , .		5
107	The influence of new herbicide ZJ0273 on the total- and branched-chain amino acids in oilseed rape (<i>Brassica napus</i> L.) leaves as revealed by near-infrared spectroscopy. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 2149-2156.	1.0	5
108	mRMR-based wavelength selection for quantitative detection of Chinese yellow wine using NIRS. <i>Analytical Methods</i> , 2018, 10, 667-675.	1.3	5

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109	Fast Determination of Copper Content in Tobacco (<i>Nicotina tabacum</i> L.) Leaves Using Laser-Induced Breakdown Spectroscopy with Univariate and Multivariate Analysis. Transactions of the ASABE, 2018, 61, 821-829.	1.1	5
110	Research on Method of Farmland Obstacle Boundary Extraction in UAV Remote Sensing Images. Sensors, 2019, 19, 4431.	2.1	5
111	Quantitative analysis of cadmium and zinc in algae using laser-induced breakdown spectroscopy. Analytical Methods, 2019, 11, 6124-6135.	1.3	5
112	Comparative Study of Distance Discriminant Analysis and Bp Neural Network for Identification of Rapeseed Cultivars Using Visible/Near Infrared Spectra. International Federation for Information Processing, 2011, , 124-133.	0.4	5
113	Fast Identification of Soybean Seed Varieties Using Laser-Induced Breakdown Spectroscopy Combined With Convolutional Neural Network. Frontiers in Plant Science, 2021, 12, 714557.	1.7	5
114	Application of Fourier transform mid-infrared photoacoustic spectroscopy for rapid assessment of phosphorus availability in digestates and digestate-amended soils. Science of the Total Environment, 2022, 832, 155040.	3.9	4
115	Application of Laser-Induced Breakdown Spectroscopy Coupled With Spectral Matrix and Convolutional Neural Network for Identifying Geographical Origins of <i>Gentiana rigescens</i> Franch. Frontiers in Artificial Intelligence, 2021, 4, 735533.	2.0	4
116	Comparison and Determination of Acetic Acid of Plum Vinegar Using Visible/Near Infrared Spectroscopy and Multivariate Calibration. , 2009, , .		3
117	Nondestructive Estimation of Nitrogen Status and Vegetation Index of Oilseed Rape Canopy Using Multi-Spectral Imaging Technology. Sensor Letters, 2011, 9, 1126-1132.	0.4	2
118	Discrimination of Varieties of Yellow Wines by Using Vis/NIR Spectroscopy and PLS-BP Model. , 2007, , .		1
119	Application of least squares support vector machines for discrimination of red wine using visible and near infrared spectroscopy. , 2008, , .		1
120	Prediction of pH of cola beverage using Vis/NIR spectroscopy and least squares-support vector machine. Proceedings of SPIE, 2008, , .	0.8	1
121	Determination of acetic acid of fruit vinegars using near infrared spectroscopy and least squares-support vector machine. , 2008, , .		1
122	Estimating Nitrogen Status of Plant by Vis/NIR Spectroscopy and Mathematical Model. , 2009, , .		1
123	Determination of Protein Content of <i>Auricularia Auricula</i> Using Spectroscopy and Least Squares-Support Vector Machine. , 2009, , .		1
124	Nondestructive Determination of Citric Acid Using Successive Projections Algorithm and Spectroscopic Techniques. Key Engineering Materials, 2011, 460-461, 9-14.	0.4	1
125	Determination of Pigments Concentration of Oilseed Rape (<i>Brassica napus</i> L.) Leaves Using Hyperspectral Imaging. Applied Engineering in Agriculture, 2015, , 23-30.	0.3	1
126	Pharmacokinetics and acetylation of sulfamethoxazole in turbot <i>Scophthalmus maximus</i> after intravascular administration. Chinese Journal of Oceanology and Limnology, 2016, 34, 789-794.	0.7	1

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127	Crop Information Sensing Technology. Agriculture Automation and Control, 2021, , 121-153.	0.3	1
128	DETECTION OF SPAD VALUE OF CUCUMBER LEAVES BASED ON VISIBLE/NEAR INFRARED SPECTROSCOPY TECHNIQUE. Hongwai Yu Haomibo Xuebao/Journal of Infrared and Millimeter Waves, 2009, 28, 272-276.	0.2	1
129	Nutrition Management and Automation. , 2013, , 231-262.		1
130	Pattern Recognition of Vis/NIR Spectroscopy from White Vinegar Based on PLS and BP-ANN Model. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2007, , .	0.0	0
131	Measurement of pH of rice wines using Vis/NIR spectroscopy and least squares-support vector machine. , 2007, , .		0
132	Rapid detection of soluble solid content in beer using spectroscopic technique based on LS-SVM algorithm model. Proceedings of SPIE, 2007, , .	0.8	0
133	Combination and Comparison of Chemometric Methods for Determination of pH of Rice Vinegars Using Visible and Near Infrared Spectroscopy. , 2008, , .		0
134	Discrimination of Rice Wine Age Using Visible and Near Infrared Spectroscopy Combined with BP Neural Network. , 2008, , .		0
135	Determination of Tartaric Acid of Fruit Vinegars Using Near Infrared Spectroscopy and Chemometrics. , 2008, , .		0
136	Measurement of sugar content of white vinegars using VIS/near-infrared spectroscopy and back propagation neural networks. , 2008, , .		0
137	Nondestructive prediction of acetolactate synthase of oilseed rape leaves using visible/near-infrared spectroscopy and BP neural networks. , 2008, , .		0
138	Detection of Protein Content of Oilseed Rape Leaves Using Visible/Near-Infrared Spectroscopy and Multivariate Calibrations. , 2008, , .		0
139	Determination of polysaccharides of Auricularia auricula using visible/near-infrared spectroscopy and chemometrics. Proceedings of SPIE, 2008, , .	0.8	0
140	Determination of citric acid of lemon vinegar using visible/near infrared spectroscopy and least squares-support vector machine. , 2008, , .		0
141	Study on an Advanced Treatment of Domestic Wastewater by Bio-filtration and Water-Quality Measurement System. , 2009, , .		0
142	Determination of Total Amino Acids in Oilseed Rape Leaves Using Near Infrared Spectroscopy and Chemometrics. , 2009, , .		0
143	Argumentation of some issues of early rice remote sensing monitoring in Hubei province. , 2011, , .		0
144	Hyperspectral imaging technology combined with genome-wide association study rapidly identifies more genes related to rice quality. , 2018, , .		0

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145	Dual Stream Segmentation Network for Real-Time Semantic Segmentation. , 2020, , .		0
146	Determination of Sugar Content of Instant Milk-Tea Using Effective Wavelengths and Least Squares-Support Vector Machine. Lecture Notes in Electrical Engineering, 2010, , 893-900.	0.3	0