

Moon S Kim

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10481880/moon-s-kim-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

136
papers

4,332
citations

33
h-index

62
g-index

150
ext. papers

5,172
ext. citations

4.3
avg, IF

5.51
L-index

#	Paper	IF	Citations
136	Ratio analysis of reflectance spectra (RARS): An algorithm for the remote estimation of the concentrations of chlorophyll A, chlorophyll B, and carotenoids in soybean leaves. <i>Remote Sensing of Environment</i> , 1992 , 39, 239-247	13.2	544
135	The beneficial endophyte <i>Trichoderma hamatum</i> isolate DIS 219b promotes growth and delays the onset of the drought response in <i>Theobroma cacao</i> . <i>Journal of Experimental Botany</i> , 2009 , 60, 3279-95	7	332
134	Development of hyperspectral imaging technique for the detection of apple surface defects and contaminations. <i>Journal of Food Engineering</i> , 2004 , 61, 67-81	6	250
133	Machine vision technology for agricultural applications. <i>Computers and Electronics in Agriculture</i> , 2002 , 36, 173-191	6.5	236
132	Hyperspectral and multispectral imaging for evaluating food safety and quality. <i>Journal of Food Engineering</i> , 2013 , 118, 157-171	6	187
131	Necrosis- and ethylene-inducing peptide from <i>Fusarium oxysporum</i> induces a complex cascade of transcripts associated with signal transduction and cell death in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2006 , 141, 1056-67	6.6	102
130	Investigation of Raman chemical imaging for detection of lycopene changes in tomatoes during postharvest ripening. <i>Journal of Food Engineering</i> , 2011 , 107, 277-288	6	97
129	Detection of melamine in milk powders based on NIR hyperspectral imaging and spectral similarity analyses. <i>Journal of Food Engineering</i> , 2014 , 124, 97-104	6	95
128	Simultaneous detection of multiple adulterants in dry milk using macro-scale Raman chemical imaging. <i>Food Chemistry</i> , 2013 , 138, 998-1007	8.5	93
127	Development of simple algorithms for the detection of fecal contaminants on apples from visible/near infrared hyperspectral reflectance imaging. <i>Journal of Food Engineering</i> , 2007 , 81, 412-418	6	85
126	Hyperspectral near-infrared imaging for the detection of physical damages of pear. <i>Journal of Food Engineering</i> , 2014 , 130, 1-7	6	83
125	Identification of the pigment responsible for the blue fluorescence band in the laser induced fluorescence (LIF) spectra of green plants, and the potential use of this band in remotely estimating rates of photosynthesis. <i>Remote Sensing of Environment</i> , 1991 , 36, 213-218	13.2	82
124	The drought response of <i>Theobroma cacao</i> (cacao) and the regulation of genes involved in polyamine biosynthesis by drought and other stresses. <i>Plant Physiology and Biochemistry</i> , 2008 , 46, 174-88 [†]	5.4	77
123	Detection of melamine in milk powders using near-infrared hyperspectral imaging combined with regression coefficient of partial least square regression model. <i>Talanta</i> , 2016 , 151, 183-191	6.2	74
122	Citrus canker detection using hyperspectral reflectance imaging and PCA-based image classification method. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2008 , 2, 168-177		70
121	Steady-state multispectral fluorescence imaging system for plant leaves. <i>Applied Optics</i> , 2001 , 40, 157-66.7	6.7	70
120	Detection of Fecal Contamination on Cantaloupes Using Hyperspectral Fluorescence Imagery. <i>Journal of Food Science</i> , 2005 , 70, e471-e476	3.4	68

119	Automated detection of fecal contamination of apples based on multispectral fluorescence image fusion. <i>Journal of Food Engineering</i> , 2005 , 71, 85-91	6	59
118	High speed measurement of corn seed viability using hyperspectral imaging. <i>Infrared Physics and Technology</i> , 2016 , 75, 173-179	2.7	58
117	Analysis of hyperspectral fluorescence images for poultry skin tumor inspection. <i>Applied Optics</i> , 2004 , 43, 824-33	1.7	57
116	Quantitative analysis of melamine in milk powders using near-infrared hyperspectral imaging and band ratio. <i>Journal of Food Engineering</i> , 2016 , 181, 10-19	6	56
115	Optimal fluorescence excitation and emission bands for detection of fecal contamination. <i>Journal of Food Protection</i> , 2003 , 66, 1198-207	2.5	51
114	Development of a simple algorithm for the detection of chilling injury in cucumbers from visible/near-infrared hyperspectral imaging. <i>Applied Spectroscopy</i> , 2005 , 59, 78-85	3.1	49
113	Multispectral laser-induced fluorescence imaging system for large biological samples. <i>Applied Optics</i> , 2003 , 42, 3927-34	1.7	48
112	Raman imaging from microscopy to macroscopy: Quality and safety control of biological materials. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 93, 183-198	14.6	47
111	Determination of the total volatile basic nitrogen (TVB-N) content in pork meat using hyperspectral fluorescence imaging. <i>Sensors and Actuators B: Chemical</i> , 2018 , 259, 532-539	8.5	47
110	Fusarium damage assessment in wheat kernels by Vis/NIR hyperspectral imaging. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2011 , 5, 63-71		47
109	Application of hyperspectral imaging for characterization of intramuscular fat distribution in beef. <i>Infrared Physics and Technology</i> , 2016 , 74, 1-10	2.7	36
108	Assessment of bacterial biofilm on stainless steel by hyperspectral fluorescence imaging. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2009 , 3, 41-48		36
107	A comparison of hyperspectral reflectance and fluorescence imaging techniques for detection of contaminants on spinach leaves. <i>Journal of Food Engineering</i> , 2014 , 143, 139-145	6	35
106	Line-Scan Hyperspectral Imaging Techniques for Food Safety and Quality Applications. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 125	2.6	35
105	Non-destructive technique for determining the viability of soybean (<i>Glycine max</i>) seeds using FT-NIR spectroscopy. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 1734-1742	4.3	34
104	Line-Scan Macro-scale Raman Chemical Imaging for Authentication of Powdered Foods and Ingredients. <i>Food and Bioprocess Technology</i> , 2016 , 9, 113-123	5.1	33
103	Advances in Raman spectroscopy and imaging techniques for quality and safety inspection of horticultural products. <i>Postharvest Biology and Technology</i> , 2019 , 149, 101-117	6.2	31
102	Detection of cucumber green mottle mosaic virus-infected watermelon seeds using a near-infrared (NIR) hyperspectral imaging system: Application to seeds of the Bambok Honey cultivar. <i>Biosystems Engineering</i> , 2016 , 148, 138-147	4.8	30

101	Rapid Measurement of Soybean Seed Viability Using Kernel-Based Multispectral Image Analysis. <i>Sensors</i> , 2019 , 19,	3.8	29
100	Spatial assessment of soluble solid contents on apple slices using hyperspectral imaging. <i>Biosystems Engineering</i> , 2017 , 159, 10-21	4.8	28
99	Effects of the Adulteration Technique on the Near-Infrared Detection of Melamine in Milk Powder. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 5799-5809	5.7	27
98	A line-scan hyperspectral Raman system for spatially offset Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2016 , 47, 437-443	2.3	26
97	Machine vision system for online inspection of freshly slaughtered chickens. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2009 , 3, 70-80		26
96	Non-destructive quality evaluation of pepper (<i>Capsicum annuum</i> L.) seeds using LED-induced hyperspectral reflectance imaging. <i>Sensors</i> , 2014 , 14, 7489-504	3.8	25
95	Detection of cracks on tomatoes using a hyperspectral near-infrared reflectance imaging system. <i>Sensors</i> , 2014 , 14, 18837-50	3.8	24
94	Non-destructive evaluation of bacteria-infected watermelon seeds using visible/near-infrared hyperspectral imaging. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 1084-1092	4.3	23
93	Nondestructive Estimation of Moisture Content, pH and Soluble Solid Contents in Intact Tomatoes Using Hyperspectral Imaging. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 109	2.6	23
92	Development of a Raman chemical imaging detection method for authenticating skim milk powder. <i>Journal of Food Measurement and Characterization</i> , 2014 , 8, 122-131	2.8	22
91	Raman hyperspectral imaging and spectral similarity analysis for quantitative detection of multiple adulterants in wheat flour. <i>Biosystems Engineering</i> , 2019 , 181, 103-113	4.8	21
90	Detection and quantification of adulterants in milk powder using a high-throughput Raman chemical imaging technique. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017 , 34, 152-161	3.2	21
89	Calibration and testing of a Raman hyperspectral imaging system to reveal powdered food adulteration. <i>PLoS ONE</i> , 2018 , 13, e0195253	3.7	20
88	Use of a portable hyperspectral imaging system for monitoring the efficacy of sanitation procedures in produce processing plants. <i>Journal of Food Engineering</i> , 2013 , 117, 217-226	6	20
87	Through-packaging analysis of butter adulteration using line-scan spatially offset Raman spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 5663-5673	4.4	20
86	Raman Hyperspectral Imaging for Detection of Watermelon Seeds Infected with <i>Acidovorax citrulli</i> . <i>Sensors</i> , 2017 , 17,	3.8	19
85	Using parabolic mirrors for complete imaging of apple surfaces. <i>Bioresource Technology</i> , 2009 , 100, 4499-506	5.06	19
84	On-line fresh-cut lettuce quality measurement system using hyperspectral imaging. <i>Biosystems Engineering</i> , 2017 , 156, 38-50	4.8	18

83	Detection of fecal contamination on leafy greens by hyperspectral imaging. <i>Procedia Food Science</i> , 2011 , 1, 953-959		18
82	Application of Near Infrared Reflectance Spectroscopy for Rapid and Non-Destructive Discrimination of Hulled Barley, Naked Barley, and Wheat Contaminated with Fusarium. <i>Sensors</i> , 2018 , 18,	3.8	18
81	Subsurface inspection of food safety and quality using line-scan spatially offset Raman spectroscopy technique. <i>Food Control</i> , 2017 , 75, 246-254	6.2	17
80	Selection of Optimal Hyperspectral Wavebands for Detection of Discolored, Diseased Rice Seeds. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1027	2.6	17
79	Development of multispectral imaging algorithm for detection of frass on mature red tomatoes. <i>Postharvest Biology and Technology</i> , 2014 , 93, 1-8	6.2	17
78	A line-scan hyperspectral system for high-throughput Raman chemical imaging. <i>Applied Spectroscopy</i> , 2014 , 68, 692-5	3.1	17
77	Technique for normalizing intensity histograms of images when the approximate size of the target is known: Detection of feces on apples using fluorescence imaging. <i>Computers and Electronics in Agriculture</i> , 2006 , 50, 135-147	6.5	17
76	Quantitative Detection of Benzoyl Peroxide in Wheat Flour Using Line-Scan Macroscale Raman Chemical Imaging. <i>Applied Spectroscopy</i> , 2017 , 71, 2469-2476	3.1	16
75	Detection of fecal contamination on apples with nanosecond-scale time-resolved imaging of laser-induced fluorescence. <i>Applied Optics</i> , 2005 , 44, 1160-70	1.7	16
74	Quantitative analysis of Sudan dye adulteration in paprika powder using FTIR spectroscopy. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017 , 34, 678-686	3.2	15
73	Visible to SWIR hyperspectral imaging for produce safety and quality evaluation. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2011 , 5, 155-164		15
72	Chemical compositions, free amino acid contents and antioxidant activities of Hanwoo (<i>Bos taurus coreanae</i>) beef by cut. <i>Meat Science</i> , 2016 , 119, 16-21	6.4	15
71	Line-scan Raman imaging and spectroscopy platform for surface and subsurface evaluation of food safety and quality. <i>Journal of Food Engineering</i> , 2017 , 198, 17-27	6	14
70	Classification Method for Viability Screening of Naturally Aged Watermelon Seeds Using FT-NIR Spectroscopy. <i>Sensors</i> , 2019 , 19,	3.8	14
69	Continuous temperature-dependent Raman spectroscopy of melamine and structural analog detection in milk powder. <i>Applied Spectroscopy</i> , 2015 , 69, 398-406	3.1	14
68	Design and Fabrication of a Real-Time Measurement System for the Capsaicinoid Content of Korean Red Pepper (<i>Capsicum annum</i> L.) Powder by Visible and Near-Infrared Spectroscopy. <i>Sensors</i> , 2015 , 15, 27420-35	3.8	14
67	Detection of Lettuce Discoloration Using Hyperspectral Reflectance Imaging. <i>Sensors</i> , 2015 , 15, 29511-348	3.8	14
66	The development of a simple multispectral algorithm for detection of fecal contamination on apples using a hyperspectral line-scan imaging system. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2011 , 5, 10-18		14

65	Penetration Depth Measurement of Near-Infrared Hyperspectral Imaging Light for Milk Powder. <i>Sensors</i> , 2016 , 16, 441	3.8	14
64	Raman spectral analysis for non-invasive detection of external and internal parameters of fake eggs. <i>Sensors and Actuators B: Chemical</i> , 2020 , 303, 127243	8.5	13
63	Multispectral fluorescence imaging for detection of bovine faeces on Romaine lettuce and baby spinach leaves. <i>Biosystems Engineering</i> , 2014 , 127, 125-134	4.8	12
62	Multispectral fluorescence lifetime imaging of feces-contaminated apples by time-resolved laser-induced fluorescence imaging system with tunable excitation wavelengths. <i>Applied Optics</i> , 2008 , 47, 1608-16	1.7	12
61	Chlorophyll-a concentration estimation using three difference bio-optical algorithms, including a correction for the low-concentration range: the case of the Yiam reservoir, Korea. <i>Remote Sensing Letters</i> , 2016 , 7, 407-416	2.3	11
60	A Spatially Offset Raman Spectroscopy Method for Non-Destructive Detection of Gelatin-Encapsulated Powders. <i>Sensors</i> , 2017 , 17,	3.8	11
59	Evaluating UV-B effects and EDU protection in cucumber leaves using fluorescence images and fluorescence emission spectra. <i>Journal of Plant Physiology</i> , 2001 , 158, 41-53	3.6	11
58	Optimal fluorescence waveband determination for detecting defective cherry tomatoes using a fluorescence excitation-emission matrix. <i>Sensors</i> , 2014 , 14, 21483-96	3.8	10
57	Fluorescence hyperspectral imaging technique for foreign substance detection on fresh-cut lettuce. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 3985-3993	4.3	9
56	Hyperspectral fluorescence imaging using violet LEDs as excitation sources for fecal matter contaminate identification on spinach leaves. <i>Journal of Food Measurement and Characterization</i> , 2016 , 10, 56-63	2.8	9
55	Detection of melamine in milk powder using MCT-based short-wave infrared hyperspectral imaging system. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018 , 35, 1027-1037	3.2	9
54	Hyperspectral Determination of Fluorescence Wavebands for Multispectral Imaging Detection of Multiple Animal Fecal Species Contaminations on Romaine Lettuce. <i>Food and Bioprocess Technology</i> , 2018 , 11, 774-784	5.1	8
53	Detection of fresh-cut produce processing residues on food contact surface materials using hyperspectral imaging. <i>Journal of Food Measurement and Characterization</i> , 2012 , 6, 48-55	2.8	8
52	Packaged food detection method based on the generalized Gaussian model for line-scan Raman scattering images. <i>Journal of Food Engineering</i> , 2019 , 258, 9-17	6	7
51	Classification of Fusarium-Infected Korean Hulled Barley Using Near-Infrared Reflectance Spectroscopy and Partial Least Squares Discriminant Analysis. <i>Sensors</i> , 2017 , 17,	3.8	7
50	Fluorescence characteristics of wholesome and unwholesome chicken carcasses. <i>Applied Spectroscopy</i> , 2006 , 60, 1210-6	3.1	7
49	Uses of Hyperspectral and Multispectral Laser Induced Fluorescence Imaging Techniques for Food Safety Inspection. <i>Key Engineering Materials</i> , 2004 , 270-273, 1055-1063	0.4	7
48	Review: Application of Artificial Intelligence in Phenomics. <i>Sensors</i> , 2021 , 21,	3.8	7

47	Discrimination methods for biological contaminants in fresh-cut lettuce based on VNIR and NIR hyperspectral imaging. <i>Infrared Physics and Technology</i> , 2017 , 85, 1-12	2.7	6
46	Classification of fecal contamination on leafy greens by hyperspectral imaging 2010 ,		6
45	Blue-green Fluorescence and Visible-infrared Reflectance of Corn (<i>Zea mays</i> L.) Grain for in situ Field Detection of Nitrogen Supply. <i>Journal of Plant Physiology</i> , 1996 , 148, 509-514	3.6	6
44	Classification of Watermelon Seeds Using Morphological Patterns of X-ray Imaging: A Comparison of Conventional Machine Learning and Deep Learning. <i>Sensors</i> , 2020 , 20,	3.8	6
43	Hyperspectral Imaging from a Multipurpose Floating Platform to Estimate Chlorophyll-a Concentrations in Irrigation Pond Water. <i>Remote Sensing</i> , 2020 , 12, 2070	5	6
42	Shortwave infrared hyperspectral imaging system coupled with multivariable method for TVB-N measurement in pork. <i>Food Control</i> , 2021 , 124, 107854	6.2	6
41	Mapping the Pungency of Green Pepper Using Hyperspectral Imaging. <i>Food Analytical Methods</i> , 2018 , 11, 3042-3052	3.4	6
40	Multispectral Fluorescence Imaging Technique for On-Line Inspection of Fecal Residues on Poultry Carcasses. <i>Sensors</i> , 2019 , 19,	3.8	5
39	Development of a portable 3CCD camera system for multispectral imaging of biological samples. <i>Sensors</i> , 2014 , 14, 20262-73	3.8	5
38	Three-color mixing for classifying agricultural products for safety and quality. <i>Applied Optics</i> , 2006 , 45, 3516-26	1.7	5
37	Hyperspectral imaging system for food safety: detection of fecal contamination on apples 2001 , 4206, 174		5
36	Optimized Multivariate Analysis for the Discrimination of Cucumber Green Mosaic Mottle Virus-Infected Watermelon Seeds Based on Spectral Imaging. <i>Journal of Biosystems Engineering</i> , 2019 , 44, 95-102	1.1	4
35	Determination of the viability of <i>retinispora</i> (Hinoki cypress) seeds using shortwave infrared hyperspectral imaging spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2020 , 28, 70-80	1.5	4
34	An average enumeration method of hyperspectral imaging data for quantitative evaluation of medical device surface contamination. <i>Biomedical Optics Express</i> , 2014 , 5, 3613-27	3.5	4
33	Non-Targeted Detection of Adulterants in Almond Powder Using Spectroscopic Techniques Combined with Chemometrics. <i>Foods</i> , 2020 , 9,	4.9	4
32	Nondestructive freshness evaluation of intact prawns (<i>Fenneropenaeus chinensis</i>) using line-scan spatially offset Raman spectroscopy. <i>Food Control</i> , 2021 , 126, 108054	6.2	4
31	Near-Infrared Transmittance Spectral Imaging for Nondestructive Measurement of Internal Disorder in Korean Ginseng. <i>Sensors</i> , 2020 , 20,	3.8	3
30	A novel hyperspectral line-scan imaging method for whole surfaces of round shaped agricultural products. <i>Biosystems Engineering</i> , 2019 , 188, 57-66	4.8	3

29	Portable multispectral fluorescence imaging system for food safety applications 2004 ,		3
28	Assessment of Environmental Plant Stresses Using Multispectral Steady-State Fluorescence Imagery 2002 , 321-341		3
27	Accounting for the Three-Dimensional Distribution of Escherichia coli Concentrations in Pond Water in Simulations of the Microbial Quality of Water Withdrawn for Irrigation. <i>Water (Switzerland)</i> , 2020 , 12, 1708	3	2
26	Fluorescence: a diagnostic tool for the detection of stress in plants 1997 ,		2
25	Comparison of Visible and near Infrared Reflectance Spectroscopy for the Detection of Faeces/Ingesta Contaminants for Sanitation Verification at Slaughter Plants. <i>Journal of Near Infrared Spectroscopy</i> , 2006 , 14, 325-331	1.5	2
24	Multispectral fluorescence imaging techniques for nondestructive food safety inspection 2004 ,		2
23	Ns-scale time-resolved laser induced fluorescence imaging for detection of fecal contamination on apples 2004 , 5587, 190		2
22	Handheld Multispectral Fluorescence Imaging System to Detect and Disinfect Surface Contamination. <i>Sensors</i> , 2021 , 21,	3.8	2
21	Geographical Origin Discrimination of White Rice Based on Image Pixel Size Using Hyperspectral Fluorescence Imaging Analysis. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5794	2.6	2
20	Non-Destructive Detection Pilot Study of Vegetable Organic Residues Using VNIR Hyperspectral Imaging and Deep Learning Techniques. <i>Sensors</i> , 2021 , 21,	3.8	2
19	Detection of adulterated sugar with plastic packaging based on spatially offset Raman imaging. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 6281-6288	4.3	2
18	Raman Spectral Analysis for Quality Determination of Grignard Reagent. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3545	2.6	1
17	Improving Sensitivity in Raman Imaging for Thin Layered and Powdered Food Analysis Utilizing a Reflection Mirror. <i>Sensors</i> , 2019 , 19,	3.8	1
16	Development of a Raman chemical image detection algorithm for authenticating dry milk 2013 ,		1
15	Comparison of Singular Value Decomposition and Principal Component Analysis applied to Hyperspectral Imaging of biofilm 2012 ,		1
14	Physical properties of leaf level fluorescence 1997 ,		1
13	Applications of fluorescence sensing systems to the remote assessment of nitrogen supply in field corn (<i>Zea Mays L.</i>) 1998 , 3382, 80		1
12	Nondestructive Prediction of Isoflavones and Oligosaccharides in Intact Soybean Seed Using Fourier Transform Near-Infrared (FT-NIR) and Fourier Transform Infrared (FT-IR) Spectroscopic Techniques.. <i>Foods</i> , 2022 , 11,	4.9	1

11	Detection of produce residues on processing equipment surfaces using fluorescence imaging 2019 ,		1
10	Quantitative detection of benzoyl peroxide in wheat flour using line-scan short-wave infrared hyperspectral imaging. <i>Sensors and Actuators B: Chemical</i> , 2021 , 352, 130997	8.5	1
9	Development of Fluorescence Imaging Technique to Detect Fresh-Cut Food Organic Residue on Processing Equipment Surface. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 458	2.6	1
8	High-Throughput Phenotyping Approach for the Evaluation of Heat Stress in Korean Ginseng (Meyer) Using a Hyperspectral Reflectance Image. <i>Sensors</i> , 2021 , 21,	3.8	1
7	Investigation of reflectance, fluorescence, and Raman hyperspectral imaging techniques for rapid detection of aflatoxins in ground maize. <i>Food Control</i> , 2022 , 132, 108479	6.2	1
6	Analysis of RGB Plant Images to Identify Root Rot Disease in Korean Ginseng Plants Using Deep Learning. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2489	2.6	1
5	A packaged food internal Raman signal separation method based on spatially offset Raman spectroscopy combined with FastICA.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 275, 121154	4.4	1
4	Application of Fourier Transform Infrared Spectroscopy and Multivariate Analysis Methods for the Non-Destructive Evaluation of Phenolics Compounds in Moringa Powder. <i>Agriculture (Switzerland)</i> , 2022 , 12, 10	3	1
3	Quantitative Evaluation of Food-Waste Components in Organic Fertilizer Using Visible-Near-Infrared Hyperspectral Imaging. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8201	2.6	0
2	Combining deep learning and fluorescence imaging to automatically identify fecal contamination on meat carcasses.. <i>Scientific Reports</i> , 2022 , 12, 2392	4.9	0
1	Estimation of Cold Stress, Plant Age, and Number of Leaves in Watermelon Plants Using Image Analysis.. <i>Frontiers in Plant Science</i> , 2022 , 13, 847225	6.2	0