

Zheng Lei

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

481
citations

840776

11
h-index

940533

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all docs

16
docs citations

16
times ranked

487
citing authors

#	ARTICLE	IF	CITATIONS
1	Feasibility in multispectral imaging for predicting the content of bioactive compounds in intact tomato fruit. <i>Food Chemistry</i> , 2015, 173, 482-488.	8.2	78
2	Application of terahertz spectroscopy imaging for discrimination of transgenic rice seeds with chemometrics. <i>Food Chemistry</i> , 2016, 210, 415-421.	8.2	77
3	Non-destructive determination of total polyphenols content and classification of storage periods of Iron Buddha tea using multispectral imaging system. <i>Food Chemistry</i> , 2015, 176, 130-136.	8.2	56
4	Rapid determination of aflatoxin B1 concentration in soybean oil using terahertz spectroscopy with chemometric methods. <i>Food Chemistry</i> , 2019, 293, 213-219.	8.2	55
5	Discrimination of geographical origin of extra virgin olive oils using terahertz spectroscopy combined with chemometrics. <i>Food Chemistry</i> , 2018, 251, 86-92.	8.2	51
6	Non-destructive determination and visualisation of insoluble and soluble dietary fibre contents in fresh-cut celeries during storage periods using hyperspectral imaging technique. <i>Food Chemistry</i> , 2017, 228, 249-256.	8.2	41
7	Potential of multispectral imaging combined with chemometric methods for rapid detection of sucrose adulteration in tomato paste. <i>Journal of Food Engineering</i> , 2017, 215, 78-83.	5.2	24
8	Discrimination of Kernel Quality Characteristics for Sunflower Seeds Based on Multispectral Imaging Approach. <i>Food Analytical Methods</i> , 2015, 8, 1629-1636.	2.6	19
9	A Non-destructive Terahertz Spectroscopy-Based Method for Transgenic Rice Seed Discrimination via Sparse Representation. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2017, 38, 980-991.	2.2	18
10	Discrimination and Measurements of Three Flavonols with Similar Structure Using Terahertz Spectroscopy and Chemometrics. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2018, 39, 492-504.	2.2	18
11	Rapid Determination of Peroxide Value of Peanut Oils During Storage Based on Terahertz Spectroscopy. <i>Food Analytical Methods</i> , 2021, 14, 1269-1277.	2.6	14
12	Rapid Discrimination of High-Quality Watermelon Seeds by Multispectral Imaging Combined with Chemometric Methods. <i>Journal of Applied Spectroscopy</i> , 2019, 85, 1044-1049.	0.7	9
13	Rapid and nondestructive determination of deoxynivalenol (DON) content in wheat using multispectral imaging (MSI) technology with chemometric methods. <i>Analytical Methods</i> , 2020, 12, 3390-3396.	2.7	8
14	Monitoring the growth of <i>Fusarium graminearum</i> in wheat kernels using multispectral imaging with chemometric methods. <i>Analytical Methods</i> , 2022, 14, 106-113.	2.7	6
15	Discrimination of cultivars and determination of luteolin content of <i>Chrysanthemum morifolium</i> Ramat. using multispectral imaging system. <i>Analytical Methods</i> , 2018, 10, 1640-1646.	2.7	5
16	Nondestructive Detection of Authenticity of Thai Jasmine Rice Using Multispectral Imaging. <i>Journal of Food Quality</i> , 2021, 2021, 1-8.	2.6	2