Rasool Khodabakhshian

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8880364/publications.pdf

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23	291	933264	940416
papers	citations	10 h-index	16 g-index

23	23	23	310
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-destructive evaluation of maturity and quality parameters of pomegranate fruit by visible/near infrared spectroscopy. International Journal of Food Properties, 2017, 20, 41-52.	1.3	41
2	Development of a multispectral imaging system for online quality assessment of pomegranate fruit. International Journal of Food Properties, 2017, 20, 107-118.	1.3	34
3	Application of Vis/SNIR hyperspectral imaging in ripeness classification of pear. International Journal of Food Properties, 2017, 20, S3149-S3163.	1.3	28
4	Feasibility of using Raman spectroscopy for detection of tannin changes in pomegranate fruits during maturity. Scientia Horticulturae, 2019, 257, 108670.	1.7	21
5	An evaluation of IR spectroscopy for authentication of adulterated turmeric powder using pattern recognition. Food Chemistry, 2021, 364, 130406.	4.2	20
6	Determining quality and maturity of pomegranates using multispectral imaging. Journal of the Saudi Society of Agricultural Sciences, 2017, 16, 322-331.	1.0	19
7	A comparative study of reflectance and transmittance modes of Vis/NIR spectroscopy used in determining internal quality attributes in pomegranate fruits. Journal of Food Measurement and Characterization, 2019, 13, 3130-3139.	1.6	18
8	Pattern recognition-based Raman spectroscopy for non-destructive detection of pomegranates during maturity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 231, 118127.	2.0	15
9	Development of a Finite Element Method Model to Determine Mechanical Behavior of Pumpkin Seed. International Journal of Food Properties, 2015, 18, 231-240.	1.3	14
10	Adulteration detection of Sudan Red and metanil yellow in turmeric powder by NIR spectroscopy and chemometrics: The role of preprocessing methods in analysis. Vibrational Spectroscopy, 2022, 120, 103372.	1.2	13
11	Carob moth, Ectomyelois ceratoniae, detection in pomegranate using visible/near infrared spectroscopy. Computers and Electronics in Agriculture, 2016, 129, 9-14.	3.7	11
12	The Effect of Variety, Size, and Moisture Content Of Sunflower Seed And Its Kernel On Their Terminal Velocity, Drag Coefficient, and Reynold's Number. International Journal of Food Properties, 2012, 15, 262-273.	1.3	10
13	Aerodynamic separation and cleaning of pomegranate arils from rind and white segments (locular) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	8
14	PREDICTION OF REPAIR AND MAINTENANCE COSTS OF FARM TRACTORS BY USING OF PREVENTIVE MAINTENANCE. International Journal of Agriculture Sciences, 2011, 3, 39-44.	0.0	7
15	Instrumental measurement of pomegranate texture during four maturity stages. Journal of Texture Studies, 2019, 50, 410-415.	1.1	6
16	Classification of bananas during ripening using peel roughness analysisâ€"An application of atomic force microscopy to food process. Journal of Food Process Engineering, 2021, 44, e13857.	1.5	6
17	Determination of texture properties of banana fruit cells with an atomic force microscope: A case study on elastic modulus and stiffness. Journal of Texture Studies, 2021, 52, 389-399.	1.1	5
18	Performance Evaluation of a Centrifugal Peeling System for Pistachio Nuts. International Journal of Food Engineering, 2011, 7, .	0.7	4

#	Article	IF	Citations
19	The study and comparison of elastic modulus of pineapple fruit in macroscopic and microscopic modes. Microscopy Research and Technique, 2021, 84, 1348-1357.	1.2	4
20	Evaluation the Effects of Some Relevant Parameters on Elastic Modulus of Pumpkin Seed and Its Kernel. International Journal of Biomaterials, 2012, 2012, 1-6.	1.1	3
21	Modeling the Fracture Resistance of Sunflower Seed and Its Kernel as a Function of Moisture Content, Variety, Size and Loading Orientation. International Journal of Food Engineering, 2011, 7, .	0.7	2
22	MOISTURE DEPENDENT GEOMETRICAL PROPERTIES OF SUNFLOWER SEED, AZARGOL VARIETY AS A CASE STUDY. , 2009, , .		1
23	Developmental Changes in Ripeness Indexes and Physico-Chemical Properties of Pomegranate Fruit During Maturity On Tree. Erwerbs-Obstbau, 2021, 63, 215-225.	0.5	1