

Chunguang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

119
citations

1307594

7
h-index

1372567

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g-index

17
all docs

17
docs citations

17
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on starch content detection and visualization of potato based on hyperspectral imaging. Food Science and Nutrition, 2021, 9, 4420-4430.	3.4	24
2	Model for the prediction of potato impact damage depth. International Journal of Food Properties, 2018, 21, 2517-2526.	3.0	13
3	A Multiobjective Piglet Image Segmentation Method Based on an Improved Noninteractive GrabCut Algorithm. Advances in Multimedia, 2018, 2018, 1-9.	0.4	12
4	Experimental study on collision acceleration and damage characteristics of potato. Journal of Food Process Engineering, 2020, 43, e13457.	2.9	11
5	TEST RESEARCH ON THE IMPACT PEAK FORCE AND DAMAGE DEPTH OF POTATO. INMATEH - Agricultural Engineering, 2020, 61, 105-114.	1.0	10
6	A study of starch content detection and the visualization of fresh-cut potato based on hyperspectral imaging. RSC Advances, 2021, 11, 13636-13643.	3.6	9
7	Impact peak force measurement of potato. International Journal of Food Properties, 2020, 23, 616-626.	3.0	8
8	MECHANICAL CHARACTERISTICS OF THE RUBBED MAIZE STRAW DURING SCREW CONVEYING. INMATEH - Agricultural Engineering, 2021, , 109-118.	1.0	7
9	EXPERIMENT OF A SWING SEPARATING SIEVE ON A POTATO DIGGER. Engenharia Agricola, 2019, 39, 548-554.	0.7	6
10	Collision simulation of potato on rod separator. International Journal of Food Engineering, 2021, 17, 435-444.	1.5	6
11	THEORETICAL ANALYSIS AND EXPERIMENTAL STUDY ON THE PROCESS OF CONVEYING AGRICULTURAL FIBER MATERIALS BY SCREW CONVEYORS. Engenharia Agricola, 2020, 40, 589-594.	0.7	6
12	Frictional collision acceleration and damage of potato peel: an experimental study. International Journal of Food Properties, 2021, 24, 646-655.	3.0	2
13	EXPERIMENTAL TEST AND FINITE ELEMENT ANALYSIS OF POTATO IMPACT ACCELERATION. INMATEH - Agricultural Engineering, 2021, , 19-28.	1.0	2
14	Biomass estimation of desert steppe based on spectral indices along a precipitation gradient. Spectroscopy Letters, 2018, 51, 324-331.	1.0	1
15	EFFECT OF WAVELET DE-NOISING ON THE CLASSIFICATION OF PIG BEHAVIOUR. Engenharia Agricola, 2021, 41, 286-296.	0.7	1
16	Determination of the peak force of a potato tuber at the rod collision by means of finite element analysis. International Journal of Food Properties, 2022, 25, 391-403.	3.0	1
17	EFFECTIVE PROFILE ESTIMATION FOR TRACTOR DYNAMICS ON AGRICULTURAL TERRAINS. INMATEH - Agricultural Engineering, 2021, , 231-240.	1.0	0