

Ivan Pavkov

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5493268/ivan-pavkov-publications-by-citations.pdf>

Version: 2024-04-28

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.

26
papers

146
citations

7
h-index

11
g-index

27
ext. papers

200
ext. citations

1.6
avg, IF

2.57
L-index

#	Paper	IF	Citations
26	Effects of modified atmosphere, anti-browning treatments and ultrasound on the polyphenolic stability, antioxidant capacity and microbial growth in fresh-cut apples. <i>Journal of Food Process Engineering</i> , 2017 , 40, e12539	2.4	25
25	Physical properties and compression loading behaviour of corn seed. <i>International Agrophysics</i> , 2013 , 27, 119-126	2	21
24	Physical and stress-strain properties of wheat (<i>Triticum aestivum</i>) kernel. <i>Journal of the Science of Food and Agriculture</i> , 2011 , 91, 1236-43	4.3	19
23	Convective Drying of Fresh and Frozen Raspberries and Change of Their Physical and Nutritive Properties. <i>Foods</i> , 2019 , 8,	4.9	12
22	Adsorption isotherms of pear at several temperatures. <i>Thermal Science</i> , 2015 , 19, 1119-1129	1.2	9
21	Effect of Selected Drying Methods and Emerging Drying Intensification Technologies on the Quality of Dried Fruit: A Review. <i>Processes</i> , 2021 , 9, 132	2.9	9
20	Surface Area and Volume Modeling of the Williams Pear (<i>Pyrus Communis</i>). <i>International Journal of Food Properties</i> , 2012 , 15, 880-890	3	7
19	Mathematical modelling of thin layer drying of pear. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2016 , 22, 191-199	0.7	7
18	Mathematical modelling of the sorption isotherms of quince. <i>Thermal Science</i> , 2017 , 21, 1965-1973	1.2	6
17	Comparison of energy consumption in the convective and freeze drying of raspberries. <i>Journal on Processing and Energy in Agriculture</i> , 2017 , 21, 192-196	0.3	6
16	Different methods of equilibrium moisture content determination. <i>Journal on Processing and Energy in Agriculture</i> , 2017 , 21, 91-96	0.3	5
15	Ranking and multicriteria decision making in optimization of raspberry convective drying processes. <i>Journal of Chemometrics</i> , 2020 , 34, e3224	1.6	4
14	The Power Series as Water Sorption Isotherm Models. <i>Journal of Food Process Engineering</i> , 2016 , 39, 178-185	2.4	4
13	The Physical and Compressive Load Properties of Sunflower (<i>Helianthus Annuus L.</i>) Fruit. <i>Helia</i> , 2012 , 35, 95-112	0.4	2
12	Economic aspects of dried fruit production by combined technology. <i>Ekonomika Poljoprivrede (1979)</i> , 2018 , 65, 1031-1044	0.6	2
11	Osmotic and convective drying of strawberries: Effects of experimental parameters on the drying kinetics, color and rehidratation. <i>Journal on Processing and Energy in Agriculture</i> , 2018 , 22, 58-64	0.3	2
10	Effects of storage and sulfurization with sulfur dioxide of different concentration on changes in the color of dried apricots. <i>Journal on Processing and Energy in Agriculture</i> , 2019 , 23, 190-194	0.3	2

9	Air torque position damper hysteresis. <i>Flow Measurement and Instrumentation</i> , 2020 , 71, 101688	2.2	1
8	Air drying of blueberry fruits: Drying kinetics, mathematical modeling and physical properties. <i>Journal on Processing and Energy in Agriculture</i> , 2019 , 23, 151-157	0.3	1
7	Influence of Harvest Time, Method of Preparation and Method of Distillation on the Qualitative Properties of Organically Grown and Wild Helichrysum italicum Immortelle Essential Oil. <i>Separations</i> , 2021 , 8, 167	3.1	1
6	A basic approach to the verification and validation of sorption isotherm models. <i>Journal on Processing and Energy in Agriculture</i> , 2018 , 22, 95-100	0.3	1
5	Experimental investigation on thermophysical properties of iobiofluids. <i>Advances in Mechanical Engineering</i> , 2022 , 14, 168781402210754	1.2	0
4	An application of bivariate polynomial factorization on decoding of Reed-Solomon based codes. <i>Applicable Analysis and Discrete Mathematics</i> , 2018 , 12, 166-177	1	0
3	Effects of Osmotic Dehydration on the Hot Air Drying of Apricot Halves: Drying Kinetics, Mass Transfer, and Shrinkage. <i>Processes</i> , 2021 , 9, 202	2.9	0
2	Accuracy analysis of air torque position dampers based on blade profiles and damper locations. <i>Thermal Science</i> , 2018 , 22, 675-685	1.2	
1	Experimental calibration of the mathematical model of Air Torque Position dampers with non-cascading blades. <i>Thermal Science</i> , 2016 , 20, 567-578	1.2	