

Katarzyna Pento

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

166
citations

1162889

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1125617

13
g-index

19
all docs

19
docs citations

19
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling of Mechanical Properties of Fresh and Stored Fruit of Large Cranberry Using Multiple Linear Regression and Machine Learning. Agriculture (Switzerland), 2022, 12, 200.	1.4	18
2	Serum Impedance in Children with Recurrent Respiratory Infections. Advances in Experimental Medicine and Biology, 2022, , 1.	0.8	0
3	The Effect on the Germination Vigour of Cucumber Seeds after Receiving Magnetic Field Treatment Pre-Sowing. Applied Sciences (Switzerland), 2022, 12, 5490.	1.3	1
4	The Relationship between Soil Electrical Parameters and Compaction of Sandy Clay Loam Soil. Agriculture (Switzerland), 2021, 11, 114.	1.4	13
5	Average Degree of Coverage and Coverage Unevenness Coefficient as Parameters for Spraying Quality Assessment. Agriculture (Switzerland), 2021, 11, 151.	1.4	6
6	Application of Soft Computing Techniques for the Analysis of Tractive Properties of a Low-Power Agricultural Tractor under Various Soil Conditions. Complexity, 2020, 2020, 1-11.	0.9	9
7	Mathematical Modelling of the Mechanical Properties of Four Varieties of Brine Pickles Using Neural Networks. Acta Universitatis Cibiniensis Series E: Food Technology, 2020, 24, 257-268.	0.6	0
8	The use of dielectric honey features for overheating diagnostics. Acta Alimentaria, 2019, 48, 28-36.	0.3	1
9	Dielectric properties of honey: the potential usability for quality assessment. European Food Research and Technology, 2018, 244, 873-880.	1.6	10
10	Disorders of Humoral Immunity in Children with IgG Subclass Deficiency and Recurrent Respiratory Infections. Advances in Experimental Medicine and Biology, 2018, 1108, 99-106.	0.8	10
11	Analysis of differences between total IgG and sum of the IgG subclasses in children with suspected immunodeficiency – indication of determinants. BMC Immunology, 2018, 19, 22.	0.9	10
12	Applying an artificial neural network approach to the analysis of tractive properties in changing soil conditions. Soil and Tillage Research, 2017, 165, 113-120.	2.6	25
13	The methods of extracting the contribution of variables in artificial neural network models – Comparison of inherent instability. Computers and Electronics in Agriculture, 2016, 127, 141-146.	3.7	28
14	The identification of relationships between selected honey parameters by extracting the contribution of independent variables in a neural network model. European Food Research and Technology, 2015, 241, 793-801.	1.6	9
15	The Laser Doppler Vibrometry in mechatronics diagnostics. Archives of Civil and Mechanical Engineering, 2015, 15, 962-970.	1.9	2
16	The identification of the relationship between chemical and electrical parameters of honeys using artificial neural networks. Computers in Biology and Medicine, 2014, 53, 244-249.	3.9	9
17	Multilayer perceptron as the tool for modeling of reaction crystallization of barium sulphate in MSMR crystallizer. , 2008, , .		2