Ahmad Banakar

List of Publications by Year
in descending order

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23 papers	470 citations	933447 10 h-index	794594 19 g-index
24 all docs	24 docs citations	24 times ranked	598 citing authors

#	Article	IF	Citations
1	Development and performance evaluation of a photovoltaic-powered induction cooker (PV-IC): An approach for promoting clean production in rural areas. Cleaner Engineering and Technology, 2022, 6, 100373.	4.0	11
2	Decontamination technologies for medicinal and aromatic plants: A review. Food Science and Nutrition, 2022, 10, 784-799.	3.4	5
3	Remaining useful life (RUL) prediction of internal combustion engine timing belt based on vibration signals and artificial neural network. Neural Computing and Applications, 2021, 33, 7785-7801.	5.6	17
4	Evaluation of AquaCrop model of cucumber under greenhouse cultivation. Journal of Agricultural Science, 2020, 158, 845-854.	1.3	5
5	Development and performance evaluation of an active solar distillation system integrated with a vacuum-type heat exchanger. Desalination, 2018, 435, 45-59.	8.2	36
6	Using dielectric properties and intelligent methods in separating of hatching eggs during incubation. Measurement: Journal of the International Measurement Confederation, 2018, 114, 191-194.	5.0	13
7	Detection of inappropriate working conditions for the timing belt in internal-combustion engines using vibration signals and data mining. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2017, 231, 418-432.	1.9	5
8	Evaluation of a pre-heating system for solar desalination system with linear Fresnel lens. Journal of Renewable and Sustainable Energy, 2017, 9, .	2.0	3
9	Modelling total weighted vibration of a trailer seat pulled by a two-wheel tractor consumed dieselâ€“biodiesel fuel blends using ANFIS methodology. Neural Computing and Applications, 2017, 28, 1197-1206.	5.6	9
10	Combined Application of Decision Tree and Fuzzy Logic Techniques for Intelligent Grading of Dried Figs. Journal of Food Process Engineering, 2017, 40, e12456.	2.9	10
11	An intelligent device for diagnosing avian diseases: Newcastle, infectious bronchitis, avian influenza. Computers and Electronics in Agriculture, 2016, 127, 744-753.	7.7	39
12	Fault detection of engine timing belt based on vibration signals using data-mining techniques and a novel data fusion procedure. Structural Health Monitoring, 2016, 15, 583-598.	7.5	16
13	Studying different design parameters of a microwave preheating system in solar desalination. Desalination and Water Treatment, 2016, 57, 11712-11720.	1.0	2
14	Qualitative classification of milled rice grains using computer vision and metaheuristic techniques. Journal of Food Science and Technology, 2016, 53, 118-131.	2.8	51
15	Optimization of ultrasonic assisted continuous production of biodiesel using response surface methodology. Ultrasonics Sonochemistry, 2015, 27, 54-61.	8.2	78
16	Potential Applications of Computer Vision in Quality Inspection of Rice: A Review. Food Engineering Reviews, 2015, 7, 321-345.	5.9	42
17	An Investigation of Energy Consumption, Solar Fraction and Hybrid Photovoltaicâ€“Thermal Solar Dryer Parameters in Drying of Chamomile Flower. International Journal of Food Engineering, 2014, 10, 697-711.	1.5	7
18	Experimental performance evaluation of a stand-alone point-focus parabolic solar still. Desalination, 2014, 352, 1-17.	8.2	103

#	Article	IF	Citations
19	A COMPARISON OF MATHEMATICAL AND ARTIFICIAL NEURAL NETWORK MODELING FOR ROSA PETALS USING HOT AIR DRYING METHOD. International Journal of Computational Intelligence and Applications, 2012, 11, 1250014.	0.8	2
20	Recurrent Sigmoid-Wavelet Neurons for Forecasting of Dynamic Systems. , 2007, , .		1
21	A New Artificial Neural Network and its Application in Wavelet Neural Network and Wavelet Neuro-Fuzzy Case study: Time Series Prediction. , 2006, , .		3
22	Identification and Prediction of Nonlinear Dynamical Plants Using TSK and Wavelet Neuro-Fuzzy Models. , 2006, , .		3
23	Input Selection for TSK Fuzzy Model based on Modified Mountain Clustering. , 2006, , .		9