

Mahmoud Omid

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8433841/publications.pdf>

Version: 2024-02-01

150
papers

6,818
citations

41344

49
h-index

69250

77
g-index

152
all docs

152
docs citations

152
times ranked

6301
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of spray drying conditions and feed composition on the physical properties of black mulberry juice powder. <i>Food and Bioprocess Technology</i> , 2012, 90, 667-675.	3.6	374
2	Green supplier selection using fuzzy group decision making methods: A case study from the agri-food industry. <i>Computers and Operations Research</i> , 2018, 89, 337-347.	4.0	358
3	Economical analysis and relation between energy inputs and yield of greenhouse cucumber production in Iran. <i>Applied Energy</i> , 2010, 87, 191-196.	10.1	252
4	A critical review on intelligent and active packaging in the food industry: Research and development. <i>Food Research International</i> , 2021, 141, 110113.	6.2	194
5	A review of macroalgae production, with potential applications in biofuels and bioenergy. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 54, 473-481.	16.4	182
6	Modeling of energy consumption and GHG (greenhouse gas) emissions in wheat production in Esfahan province of Iran using artificial neural networks. <i>Energy</i> , 2013, 52, 333-338.	8.8	165
7	Environmental impact assessment of tomato and cucumber cultivation in greenhouses using life cycle assessment and adaptive neuro-fuzzy inference system. <i>Journal of Cleaner Production</i> , 2014, 73, 183-192.	9.3	148
8	A comparative study on energy use and cost analysis of potato production under different farming technologies in Hamadan province of Iran. <i>Energy</i> , 2010, 35, 2927-2933.	8.8	141
9	Potential of radial basis function based support vector regression for global solar radiation prediction. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 39, 1005-1011.	16.4	139
10	Energy and economic analysis of greenhouse strawberry production in Tehran province of Iran. <i>Energy Conversion and Management</i> , 2011, 52, 1020-1025.	9.2	133
11	Application of ANFIS to predict crop yield based on different energy inputs. <i>Measurement: Journal of the International Measurement Confederation</i> , 2012, 45, 1406-1413.	5.0	129
12	Energy use patterns and econometric models of major greenhouse vegetable productions in Iran. <i>Energy</i> , 2011, 36, 220-225.	8.8	125
13	Energy use pattern and benchmarking of selected greenhouses in Iran using data envelopment analysis. <i>Energy Conversion and Management</i> , 2011, 52, 153-162.	9.2	125
14	Estimating volume and mass of citrus fruits by image processing technique. <i>Journal of Food Engineering</i> , 2010, 100, 315-321.	5.2	120
15	Reduction of CO ₂ emission by improving energy use efficiency of greenhouse cucumber production using DEA approach. <i>Energy</i> , 2013, 55, 676-682.	8.8	113
16	Freshness assessment of gilthead sea bream (<i>Sparus aurata</i>) by machine vision based on gill and eye color changes. <i>Journal of Food Engineering</i> , 2013, 119, 277-287.	5.2	109
17	Energy input-output analysis and application of artificial neural networks for predicting greenhouse basil production. <i>Energy</i> , 2012, 37, 171-176.	8.8	103
18	Applying data envelopment analysis approach to improve energy efficiency and reduce GHG (greenhouse gas) emission of wheat production. <i>Energy</i> , 2013, 58, 588-593.	8.8	97

#	ARTICLE	IF	CITATIONS
19	Development of an intelligent system based on ANFIS for predicting wheat grain yield on the basis of energy inputs. <i>Information Processing in Agriculture</i> , 2014, 1, 14-22.	4.1	87
20	Evaluating banana ripening status from measuring dielectric properties. <i>Journal of Food Engineering</i> , 2011, 105, 625-631.	5.2	83
21	Comparing data mining classifiers for grading raisins based on visual features. <i>Computers and Electronics in Agriculture</i> , 2012, 84, 124-131.	7.7	81
22	An expert egg grading system based on machine vision and artificial intelligence techniques. <i>Journal of Food Engineering</i> , 2013, 118, 70-77.	5.2	80
23	Modeling Drying Kinetics of Pistachio Nuts with Multilayer Feed-Forward Neural Network. <i>Drying Technology</i> , 2009, 27, 1069-1077.	3.1	76
24	Principles and Applications of Light Backscattering Imaging in Quality Evaluation of Agro-food Products: a Review. <i>Food and Bioprocess Technology</i> , 2012, 5, 1465-1485.	4.7	75
25	Development of an android app to estimate chlorophyll content of corn leaves based on contact imaging. <i>Computers and Electronics in Agriculture</i> , 2015, 116, 211-220.	7.7	75
26	Meat quality evaluation based on computer vision technique: A review. <i>Meat Science</i> , 2019, 156, 183-195.	5.5	75
27	Design of fuzzy logic control system incorporating human expert knowledge for combine harvester. <i>Expert Systems With Applications</i> , 2010, 37, 7080-7085.	7.6	74
28	Measuring productive efficiency of horticultural greenhouses in Iran: A data envelopment analysis approach. <i>Expert Systems With Applications</i> , 2012, 39, 1040-1045.	7.6	71
29	Prognostication of environmental indices in potato production using artificial neural networks. <i>Journal of Cleaner Production</i> , 2013, 52, 402-409.	9.3	71
30	An intelligent approach for cooling radiator fault diagnosis based on infrared thermal image processing technique. <i>Applied Thermal Engineering</i> , 2015, 87, 434-443.	6.0	71
31	Criteria definition and approaches in green supplier selection "a case study for raw material and packaging of food industry. <i>Production and Manufacturing Research</i> , 2015, 3, 149-168.	1.5	69
32	Design of an expert system for sorting pistachio nuts through decision tree and fuzzy logic classifier. <i>Expert Systems With Applications</i> , 2011, 38, 4339-4347.	7.6	66
33	Analysis of texture-based features for predicting mechanical properties of horticultural products by laser light backscattering imaging. <i>Computers and Electronics in Agriculture</i> , 2013, 98, 34-45.	7.7	66
34	ANN based simulation and experimental verification of analytical four- and five-parameters models of PV modules. <i>Simulation Modelling Practice and Theory</i> , 2013, 34, 86-98.	3.8	65
35	On the study of energy use and GHG (greenhouse gas) emissions in greenhouse cucumber production in Yazd province. <i>Energy</i> , 2013, 59, 63-71.	8.8	63
36	Application of artificial neural networks for prediction of output energy and GHG emissions in potato production in Iran. <i>Agricultural Systems</i> , 2014, 123, 120-127.	6.1	63

#	ARTICLE	IF	CITATIONS
37	A comparative study between fuzzy linear regression and support vector regression for global solar radiation prediction in Iran. <i>Solar Energy</i> , 2014, 109, 135-143.	6.1	63
38	Development of pistachio sorting system using principal component analysis (PCA) assisted artificial neural network (ANN) of impact acoustics. <i>Expert Systems With Applications</i> , 2010, 37, 7205-7212.	7.6	61
39	Sensitivity analysis of energy inputs in crop production using artificial neural networks. <i>Journal of Cleaner Production</i> , 2018, 197, 992-998.	9.3	61
40	Energy use efficiency in greenhouse tomato production in Iran. <i>Energy</i> , 2011, 36, 6714-6719.	8.8	58
41	Prediction of potato yield based on energy inputs using multi-layer adaptive neuro-fuzzy inference system. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 47, 521-530.	5.0	58
42	Detection of poultry egg freshness by dielectric spectroscopy and machine learning techniques. <i>LWT - Food Science and Technology</i> , 2015, 62, 1034-1042.	5.2	57
43	An automatic sorting system for unwashed eggs using deep learning. <i>Journal of Food Engineering</i> , 2020, 283, 110036.	5.2	57
44	An intelligent system for sorting pistachio nut varieties. <i>Expert Systems With Applications</i> , 2009, 36, 11528-11535.	7.6	56
45	Modeling Effective Moisture Diffusivity of Orange Slice (Thompson Cv.). <i>International Journal of Food Properties</i> , 2010, 13, 32-40.	3.0	54
46	Energy efficiency and econometric analysis of broiler production farms. <i>Energy</i> , 2011, 36, 6536-6541.	8.8	54
47	Classifier fusion of vibration and acoustic signals for fault diagnosis and classification of planetary gears based on Dempster-Shafer evidence theory. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2014, 228, 21-32.	2.5	54
48	Prediction of red plum juice permeate flux during membrane processing with ANN optimized using RSM. <i>Computers and Electronics in Agriculture</i> , 2014, 102, 1-9.	7.7	54
49	Color image segmentation with genetic algorithm in a raisin sorting system based on machine vision in variable conditions. <i>Expert Systems With Applications</i> , 2011, 38, 3671-3678.	7.6	53
50	Prediction of Energy and Exergy of Carrot Cubes in a Fluidized Bed Dryer by Artificial Neural Networks. <i>Drying Technology</i> , 2011, 29, 295-307.	3.1	49
51	A comparative study of dried apple using hot air, intermittent and continuous microwave: evaluation of kinetic parameters and physicochemical quality attributes. <i>Food Science and Nutrition</i> , 2015, 3, 519-526.	3.4	49
52	Field coupling to nonuniform and uniform transmission lines. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 1997, 39, 201-211.	2.2	47
53	Land Suitability Evaluation Using Fuzzy Continuous Classification (A Case Study: Ziaran Region). <i>Modern Applied Science</i> , 2010, 4, .	0.6	47
54	Optimization of energy consumption for rose production in Iran. <i>Energy for Sustainable Development</i> , 2012, 16, 236-241.	4.5	47

#	ARTICLE	IF	CITATIONS
55	Modeling Solar Energy Potential in a Tehran Province Using Artificial Neural Networks. <i>International Journal of Green Energy</i> , 2013, 10, 427-441.	3.8	46
56	Intelligent fault diagnosis of cooling radiator based on deep learning analysis of infrared thermal images. <i>Applied Thermal Engineering</i> , 2019, 163, 1144-10.	6.0	46
57	Effect of process conditions and carrier concentration for improving drying yield and other quality attributes of spray dried black mulberry (<i>Morus nigra</i>) juice. <i>International Journal of Food Engineering</i> , 2012, 8, 1-20.	1.5	45
58	Techno-economic comparison of three biodiesel production scenarios enhanced by glycerol supercritical water reforming process. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 17845-17862.	7.1	43
59	Feature-level fusion based on wavelet transform and artificial neural network for fault diagnosis of planetary gearbox using acoustic and vibration signals. <i>Insight: Non-Destructive Testing and Condition Monitoring</i> , 2013, 55, 323-330.	0.6	42
60	Digital Mapping of Soil Classes Using Decision Tree and Auxiliary Data in the Ardakan Region, Iran. <i>Arid Land Research and Management</i> , 2014, 28, 147-168.	1.6	42
61	Determination of efficient and inefficient greenhouse cucumber producers using Data Envelopment Analysis approach, a case study: Jiroft city in Iran. <i>Journal of Cleaner Production</i> , 2014, 79, 108-115.	9.3	40
62	Green Supplier Selection Criteria: From a Literature Review to a Flexible Framework for Determination of Suitable Criteria. <i>Ecoproduction</i> , 2014, , 79-99.	0.8	38
63	Comparison of fuzzy and on/off controllers for winter season indoor climate management in a model poultry house. <i>Computers and Electronics in Agriculture</i> , 2015, 110, 187-195.	7.7	37
64	A novel artificial neural networks assisted segmentation algorithm for discriminating almond nut and shell from background and shadow. <i>Computers and Electronics in Agriculture</i> , 2014, 105, 34-43.	7.7	34
65	Automated In Situ Seed Variety Identification via Deep Learning: A Case Study in Chickpea. <i>Plants</i> , 2021, 10, 1406.	3.5	34
66	Multispectral remote sensing for site-specific nitrogen fertilizer management. <i>Pesquisa Agropecuaria Brasileira</i> , 2013, 48, 1394-1401.	0.9	33
67	Determining quality of caviar from Caspian Sea based on Raman spectroscopy and using artificial neural networks. <i>Talanta</i> , 2013, 111, 98-104.	5.5	31
68	Prediction of the Physicochemical Properties of Spray-Dried Black Mulberry (<i>Morus nigra</i>) Juice using Artificial Neural Networks. <i>Food and Bioprocess Technology</i> , 2013, 6, 585-590.	4.7	31
69	Optimization of intermittent microwave convective drying using response surface methodology. <i>Food Science and Nutrition</i> , 2015, 3, 331-341.	3.4	31
70	Egg volume prediction using machine vision technique based on pappus theorem and artificial neural network. <i>Journal of Food Science and Technology</i> , 2015, 52, 3065-3071.	2.8	31
71	Optimizing layout of wind farm turbines using genetic algorithms in Tehran province, Iran. <i>International Journal of Energy and Environmental Engineering</i> , 2018, 9, 399-411.	2.5	30
72	Optimization of Energy Consumption of Broiler Production Farms using Data Envelopment Analysis Approach. <i>Modern Applied Science</i> , 2011, 5, .	0.6	29

#	ARTICLE	IF	CITATIONS
73	Adulteration detection in olive oil using dielectric technique and data mining. <i>Sensing and Bio-Sensing Research</i> , 2016, 11, 33-36.	4.2	29
74	Developing a fuzzy clustering model for better energy use in farm management systems. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 48, 27-34.	16.4	28
75	Egg Quality Prediction Using Dielectric and Visual Properties Based on Artificial Neural Network. <i>Food Analytical Methods</i> , 2015, 8, 710-717.	2.6	28
76	Determination of Tangerine Volume Using Image Processing Methods. <i>International Journal of Food Properties</i> , 2010, 13, 760-770.	3.0	27
77	On-line separation and sorting of chicken portions using a robust vision-based intelligent modelling approach. <i>Biosystems Engineering</i> , 2018, 167, 8-20.	4.3	27
78	Study on material properties effect for maximization of thermoelectric power generation. <i>Renewable Energy</i> , 2019, 138, 236-242.	8.9	27
79	Optimized forest degradation model (OFDM): an environmental decision support system for environmental impact assessment using an artificial neural network. <i>Journal of Environmental Planning and Management</i> , 2016, 59, 222-244.	4.5	26
80	A comparative study between parametric and artificial neural networks approaches for economical assessment of potato production in Iran. <i>Spanish Journal of Agricultural Research</i> , 2011, 9, 661.	0.6	26
81	Greenhouse strawberry production in Iran, efficient or inefficient in energy. <i>Energy Efficiency</i> , 2012, 5, 201-209.	2.8	25
82	Prediction of Physicochemical Properties of Raspberry Dried by Microwave-Assisted Fluidized Bed Dryer Using Artificial Neural Network. <i>Drying Technology</i> , 2014, 32, 4-12.	3.1	24
83	Feasibility of using smart phones to estimate chlorophyll content in corn plants. <i>Photosynthetica</i> , 2017, 55, 603-610.	1.7	24
84	Evaluating the potential of artificial neural network and neuro-fuzzy techniques for estimating antioxidant activity and anthocyanin content of sweet cherry during ripening by using image processing. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 95-101.	3.5	22
85	Regionalised life cycle assessment of pasta production in Iran: Damage to terrestrial ecosystems. <i>Journal of Cleaner Production</i> , 2017, 159, 141-146.	9.3	22
86	STABILITY AND RHEOLOGY OF DISPERSIONS CONTAINING POLYSACCHARIDE, OLEIC ACID AND WHEY PROTEIN ISOLATE. <i>Journal of Texture Studies</i> , 2012, 43, 63-76.	2.5	21
87	Study of different fouling mechanisms during membrane clarification of red plum juice. <i>International Journal of Food Science and Technology</i> , 2014, 49, 58-64.	2.7	21
88	Design, development and evaluation of an online grading system for peeled pistachios equipped with machine vision technology and support vector machine. <i>Information Processing in Agriculture</i> , 2017, 4, 333-341.	4.1	21
89	Evaluation of Intelligent Greenhouse Climate Control System, Based Fuzzy Logic in Relation to Conventional Systems. , 2009, , .		20
90	Classification of peeled pistachio kernels using computer vision and color features. <i>Engineering in Agriculture, Environment and Food</i> , 2017, 10, 259-265.	0.5	20

#	ARTICLE	IF	CITATIONS
91	Fault diagnosis of tractor auxiliary gearbox using vibration analysis and random forest classifier. <i>Information Processing in Agriculture</i> , 2022, 9, 60-67.	4.1	20
92	Quality and shelf-life prediction of cauliflower under modified atmosphere packaging by using artificial neural networks and image processing. <i>Computers and Electronics in Agriculture</i> , 2019, 163, 104861.	7.7	19
93	Data Mining-Based Wavelength Selection for Monitoring Quality of Tomato Fruit by Backscattering and Multispectral Imaging. <i>International Journal of Food Properties</i> , 2015, 18, 880-896.	3.0	17
94	An Artificial Neural Network-Based Method to Identify Five Classes of Almond According to Visual Features. <i>Journal of Food Process Engineering</i> , 2016, 39, 625-635.	2.9	17
95	Evaluation of the fouling phenomenon in the membrane clarification of black mulberry juice. <i>International Journal of Food Science and Technology</i> , 2011, 46, 1538-1544.	2.7	16
96	Influence of tragacanth gum exudates from specie of <i>Astragalus gossypinus</i> on rheological and physical properties of whey protein isolate stabilised emulsions. <i>International Journal of Food Science and Technology</i> , 2011, 46, 1636-1645.	2.7	15
97	Soil-line vegetation indices for corn nitrogen content prediction. <i>International Agrophysics</i> , 2012, 26, 103-108.	1.7	15
98	Real-time color change monitoring of apple slices using image processing during intermittent microwave convective drying. <i>Food Science and Technology International</i> , 2016, 22, 634-646.	2.2	15
99	Spatial and technological variability in the carbon footprint of durum wheat production in Iran. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1893-1900.	4.7	14
100	Optimization of rendering process of poultry by-products with batch cooker model monitored by electronic nose. <i>Journal of Environmental Management</i> , 2019, 235, 194-201.	7.8	14
101	Comparison of Some Chromatic, Mechanical and Chemical Properties of Banana Fruit at Different Stages of Ripeness. <i>Modern Applied Science</i> , 2010, 4, .	0.6	13
102	A GIS-MCDM-based road network planning for tourism development and management in Arasbaran forest, Iran. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 647.	2.7	13
103	Modelling hydraulic jumps with artificial neural networks. <i>Water Management</i> , 2005, 158, 65-70.	1.2	12
104	Green Supplier Selection in Edible oil Production by a Hybrid Model Using Delphi Method and Green Data Envelopment Analysis (GDEA). <i>Management and Production Engineering Review</i> , 2014, 5, 3-8.	1.4	12
105	An intelligent model based on data mining and fuzzy logic for fault diagnosis of external gear hydraulic pumps. <i>Insight: Non-Destructive Testing and Condition Monitoring</i> , 2009, 51, 594-600.	0.6	10
106	Using nonparametric analysis (DEA) for measuring technical efficiency in poultry farms. <i>Brazilian Journal of Poultry Science</i> , 2011, 13, 271-277.	0.7	9
107	Prediction of Rheological Properties of Multi-Component Dispersions by Using Artificial Neural Networks. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 428-434.	2.4	9
108	Machine Learning for the Estimation of Diameter Increment in Mixed and Uneven-Aged Forests. <i>Sustainability</i> , 2022, 14, 3386.	3.2	9

#	ARTICLE	IF	CITATIONS
109	Fault diagnosis of Massey Ferguson gearbox using Power Spectral Density. , 2008, , .		8
110	Estimation of sweet cherry antioxidant activity and anthocyanin content during ripening by artificial neural networkâ€‘assisted image processing technique. International Journal of Food Science and Technology, 2013, 48, 735-741.	2.7	8
111	Vibration-Based Fault Diagnosis of Hydraulic Pump of Tractor Steering System by Using Energy Technique. Modern Applied Science, 2009, 3, .	0.6	7
112	Application of Artificial Neural Networks in Modeling Soil Solution Electrical Conductivity. Soil Science, 2010, 175, 432-437.	0.9	7
113	A New Mathematical Modeling of Banana Fruit and Comparison with Actual Values of Dimensional Properties. Modern Applied Science, 2010, 4, .	0.6	7
114	Determination of Soil Organic Carbon Variability of Rainfed Crop Land in Semi-arid Region (Neural) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	7
115	Assessing the Technical Efficiency in Potato Production in Iran. International Journal of Green Energy, 2012, 9, 229-242.	3.8	7
116	Integrated Assessment and Modeling of Agricultural Mechanization in Potato Production of Iran by Artificial Neural Networks. Agricultural Research, 2015, 4, 283-302.	1.7	7
117	Optimum Thermal Concentration of Solar Thermoelectric Generators (STEG) in Realistic Meteorological Condition. Energies, 2018, 11, 2425.	3.1	7
118	Design and evaluation of an intelligent sorting system for bell pepper using deep convolutional neural networks. Journal of Food Science, 2022, 87, 289-301.	3.1	7
119	Using of Artificial Neural Networks for Evaluation Soil Water Content with Time Domain Reflectometry. Modern Applied Science, 2010, 4, .	0.6	6
120	Modeling Thermal Conductivity of Iranian Flat Bread Using Artificial Neural Networks. International Journal of Food Properties, 2011, 14, 708-720.	3.0	6
121	Predicting areas with ecotourism capability using artificial neural networks and linear discriminant analysis (case study: Arasbaran Protected Area, Iran). Environment, Development and Sustainability, 2021, 23, 8272-8287.	5.0	6
122	Dielectric spectroscopy coupled with artificial neural network for classification and quantification of sesame oil adulteration. Information Processing in Agriculture, 2022, 9, 233-242.	4.1	6
123	Acoustic signal-based deep learning approach for smart sorting of pistachio nuts. Postharvest Biology and Technology, 2022, 185, 111778.	6.0	6
124	Enhancing thermophysical properties of phase change material via alumina and copper nanoparticles. International Journal of Energy Research, 2022, 46, 6594-6612.	4.5	6
125	A machine vision-intelligent modelling based technique for in-line bell pepper sorting. Information Processing in Agriculture, 2023, 10, 491-503.	4.1	6
126	Deep learning-based precision agriculture through weed recognition in sugar beet fields. Sustainable Computing: Informatics and Systems, 2022, 35, 100759.	2.2	6

#	ARTICLE	IF	CITATIONS
127	Development of An Intelligent System to Determine Sour Cherry's Antioxidant Activity and Anthocyanin Content During Ripening. <i>International Journal of Food Properties</i> , 2014, 17, 1169-1181.	3.0	5
128	Determination of electric field intensity during microwave heating of selected vegetables and fruits. <i>Journal of Microwave Power and Electromagnetic Energy</i> , 2018, 52, 276-286.	0.8	5
129	Remote monitoring and control of horticultural cool storage over the Internet. <i>Computer Applications in Engineering Education</i> , 2011, 19, 136-145.	3.4	4
130	Modeling the kinetics of essential oil content and main constituents of mint (<i>Mentha</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15515.	2.0	4
131	Fatigue Analysis of Connecting Rod of U650 Tractor in the Finite Element Code ANSYS. <i>Journal of Applied Sciences</i> , 2008, 8, 4338-4345.	0.3	4
132	Sorting Raisins by Machine Vision System. <i>Modern Applied Science</i> , 2010, 4, .	0.6	3
133	Dynamic and static object detection and tracking in an autonomous surface vehicle. <i>Ships and Offshore Structures</i> , 2020, 15, 711-721.	1.9	3
134	Excitation of electromagnetic waves by delta function current sheets in the ionospheric plasma. <i>Radio Science</i> , 1994, 29, 867-877.	1.6	2
135	Investigating Potential of Wind Energy in Mahshahr, Iran. <i>Wind Engineering</i> , 2015, 39, 369-384.	1.9	2
136	A novel application of stand-alone photovoltaic system in agriculture: solar-powered Microner sprayer. <i>International Journal of Ambient Energy</i> , 2017, 38, 69-76.	2.5	2
137	Regression modeling of field emissions in wheat production using a life cycle assessment (LCA) approach. <i>Electronic Journal of Energy & Environment</i> , 2013, 1, .	0.3	2
138	Forecasting the Thermal Load for Implementing Solar Energy in a Model Poultry House. <i>Journal of Agricultural Engineering and Biotechnology</i> , 2013, , 30-36.	0.1	2
139	Evaluation of microstrip Green function. <i>Electronics Letters</i> , 1997, 33, 434.	1.0	2
140	Separating Pistachio Varieties Using Automatic Trainable Classifier. , 2007, , .		1
141	Finite Element Simulation of Rough Rice Kernel (<i>Oryza sativa</i> L.) cv. Fajer Drying. <i>Chemical Product and Process Modeling</i> , 2008, 3, .	0.9	1
142	Adaptive Vibration Condition Monitoring Techniques for Local Tooth Damage in Gearbox. <i>Modern Applied Science</i> , 2010, 4, .	0.6	1
143	Estimating Some Physical Properties of Sour and Sweet Cherries Based on Combined Image Processing and AI Techniques. <i>International Journal of Food Engineering</i> , 2014, 10, 403-415.	1.5	1
144	Development and evaluation of an online grading system for pinto beans using machine vision and artificial neural network. <i>International Journal of Postharvest Technology and Innovation</i> , 2020, 7, 1.	0.1	1

#	ARTICLE	IF	CITATIONS
145	Modeling, Dynamic Analysis and Optimization of Budsan Truck Engine Mount. Journal of Applied Sciences, 2008, 8, 2369-2377.	0.3	1
146	Selecting appropriate combine harvester based on ergonomic criteria with analytical hierarchy process technique. , 2012, , .		0
147	Analysis the effects of grower's experience and literacy on Benefit to Cost Ratio of broiler farms in Yazd province of Iran. , 2012, , .		0
148	Modelling hydraulic jumps with artificial neural networks. Water Management, 2005, 158, 65-70.	1.2	0
149	A comparative study between parametric and artificial neural networks approaches for economical assessment of potato production in Iran. Spanish Journal of Agricultural Research, 2011, 9, .	0.6	0
150	Comparison of GHG Emissions of Efficient and Inefficient Potato Producers Based on Data Envelopment Analysis. Journal of Agricultural Engineering and Biotechnology, 2013, , 81-88.	0.1	0