

Alireza Keyhani

List of Publications by Year in descending order

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37
papers

2,475
citations

304743

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361022

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docs citations

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times ranked

2247
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of life cycle assessment, artificial neural networks, and metaheuristic optimization algorithms for optimization of tomato-based cropping systems in Iran. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 620-632.	4.7	13
2	Developing new mathematical model formats for estimating daily and monthly solar radiation: case study: Iran. <i>International Journal of Sustainable Energy</i> , 2020, 39, 896-926.	2.4	1
3	Energy use and economic analysis of NPK-15:8:15 fertilizer granulation process in Iran. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2017, 16, 265-269.	1.9	6
4	Life cycle energy use, costs, and greenhouse gas emission of broiler farms in different production systems in Iran—a case study of Alborz province. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16041-16049.	5.3	20
5	Developing location indicators for Agricultural Service Center: a Delphi+“TOPSIS+“FAHP approach. <i>Production and Manufacturing Research</i> , 2015, 3, 124-148.	1.5	10
6	Joint Life Cycle Assessment and Data Envelopment Analysis for the benchmarking of environmental impacts in rice paddy production. <i>Journal of Cleaner Production</i> , 2015, 106, 521-532.	9.3	118
7	Energy use efficiency and greenhouse gas emissions of farming systems in north Iran. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 30, 724-733.	16.4	126
8	A new correlation on the MEXICO experiment using a 3D enhanced blade element momentum technique. <i>International Journal of Sustainable Energy</i> , 2014, 33, 448-460.	2.4	4
9	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
10	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
11	Agricultural Service Center Location Problem: Concept and a MCDM Solution Approach. <i>Lecture Notes in Computer Science</i> , 2014, , 611-617.	1.3	3
12	Potential greenhouse gas emission reductions in soybean farming: a combined use of Life Cycle Assessment and Data Envelopment Analysis. <i>Journal of Cleaner Production</i> , 2013, 54, 89-100.	9.3	147
13	Modeling of Basil Leaves Drying by GA+“ANN. <i>International Journal of Food Engineering</i> , 2013, 9, 393-401.	1.5	7
14	Energy use pattern and sensitivity analysis of energy inputs and input costs for pear production in Iran. <i>Renewable Energy</i> , 2013, 51, 7-12.	8.9	52
15	Energy and economic assessment of prune production in Tehran province of Iran. <i>Journal of Cleaner Production</i> , 2013, 39, 280-284.	9.3	33
16	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
17	Hybrid response surface methodology-genetic algorithm optimization of ultrasound-assisted transesterification of waste oil catalysed by immobilized lipase on mesoporous silica/iron oxide magnetic core-shell nanoparticles. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2201-2211.	2.2	29
18	Energy and economic analysis of different seed corn harvesting systems in Iran. <i>Energy</i> , 2012, 43, 469-476.	8.8	26

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19	Energy consumption flow and econometric models of two plum cultivars productions in Tehran province of Iran. <i>Energy</i> , 2012, 44, 211-216.	8.8	51
20	Optimization of energy required for alfalfa production using data envelopment analysis approach. <i>Energy for Sustainable Development</i> , 2012, 16, 242-248.	4.5	55
21	Energy use and sensitivity analysis of energy inputs for alfalfa production in Iran. <i>Energy for Sustainable Development</i> , 2012, 16, 84-89.	4.5	58
22	Modeling of moisture content in tomato drying proceses by ANN-GA technique. , 2011, , .		0
23	Energy use patterns and econometric models of grape production in Hamadan province of Iran. <i>Energy</i> , 2011, 36, 6345-6351.	8.8	37
24	Life-cycle assessment of a Solar Assist Plug-in Hybrid electric Tractor (SAPHT) in comparison with a conventional tractor. <i>Energy Conversion and Management</i> , 2011, 52, 1700-1710.	9.2	37
25	Design, Construction and Evaluation of a Sun-Tracking System on a Mobile Structure. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2011, 133, .	1.8	7
26	A Traveling Time Model as Function of Water Density and Vegetable Size, Shape and Density. <i>Journal of Fruit and Ornamental Plant Research</i> , 2010, 73, 143-149.	0.4	2
27	Sensitivity analysis of energy inputs for barley production in Hamedan Province of Iran. <i>Agriculture, Ecosystems and Environment</i> , 2010, 137, 367-372.	5.3	180
28	Evaluation of alternative battery technologies for a solar assist plug-in hybrid electric tractor. <i>Transportation Research, Part D: Transport and Environment</i> , 2010, 15, 507-512.	6.8	19
29	Energy balance in Iran's agronomy (1990â€“2006). <i>Renewable and Sustainable Energy Reviews</i> , 2010, 14, 849-855.	16.4	134
30	Modeling Effective Moisture Diffusivity of Orange Slice (Thompson Cv.). <i>International Journal of Food Properties</i> , 2010, 13, 32-40.	3.0	54
31	Sustainability in Agricultural Mechanization: Assessment of a Combined Photovoltaic and Electric Multipurpose System for Farmers. <i>Sustainability</i> , 2009, 1, 1042-1068.	3.2	5
32	Environmental assessment of RAMseS multipurpose electric vehicle compared to a conventional combustion engine vehicle. <i>Journal of Cleaner Production</i> , 2009, 17, 781-790.	9.3	42
33	Technical and economical assessment of a multipurpose electric vehicle for farmers. <i>Journal of Cleaner Production</i> , 2009, 17, 1556-1562.	9.3	25
34	A review of principle and sun-tracking methods for maximizing solar systems output. <i>Renewable and Sustainable Energy Reviews</i> , 2009, 13, 1800-1818.	16.4	654
35	Energy use and economical analysis of potato production in Iran a case study: Ardabil province. <i>Energy Conversion and Management</i> , 2008, 49, 3566-3570.	9.2	254
36	Modeling Effective Moisture Diffusivity of Wheat (<i>Tajan</i>) During Air Drying. <i>International Journal of Food Properties</i> , 2008, 11, 223-232.	3.0	18

#	ARTICLE	IF	CITATIONS
37	Integration of thermal performance of sour cherry concentration plant with 3E procedures: energy, exergy and exergoeconomy. Journal of Thermal Analysis and Calorimetry, 0, , 1.	3.6	0