

Ashkan Nabavi-Pelesaraei

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,165
citations

126858

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docs citations

43
times ranked

1707
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of energy consumption and environmental life cycle assessment for incineration and landfill systems of municipal solid waste management - A case study in Tehran Metropolis of Iran. <i>Journal of Cleaner Production</i> , 2017, 148, 427-440.	4.6	345
2	Combined life cycle assessment and artificial intelligence for prediction of output energy and environmental impacts of sugarcane production. <i>Science of the Total Environment</i> , 2019, 664, 1005-1019.	3.9	200
3	Integration of artificial intelligence methods and life cycle assessment to predict energy output and environmental impacts of paddy production. <i>Science of the Total Environment</i> , 2018, 631-632, 1279-1294.	3.9	147
4	Optimization of energy required and greenhouse gas emissions analysis for orange producers using data envelopment analysis approach. <i>Journal of Cleaner Production</i> , 2014, 65, 311-317.	4.6	138
5	Energy-Life cycle assessment on applying solar technologies for greenhouse strawberry production. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 116, 109411.	8.2	126
6	Application of photovoltaic system to modify energy use, environmental damages and cumulative exergy demand of two irrigation systems-A case study: Barley production of Iran. <i>Renewable Energy</i> , 2020, 160, 1316-1334.	4.3	120
7	Use of optimization techniques for energy use efficiency and environmental life cycle assessment modification in sugarcane production. <i>Energy</i> , 2019, 181, 1298-1320.	4.5	112
8	Exergoenvironmental-Life cycle cost analysis for conventional, low external input and organic systems of rice paddy production. <i>Journal of Cleaner Production</i> , 2020, 263, 121529.	4.6	100
9	Multi-objective optimization of energy use and environmental emissions for walnut production using imperialist competitive algorithm. <i>Applied Energy</i> , 2021, 284, 116342.	5.1	99
10	Energy consumption enhancement and environmental life cycle assessment in paddy production using optimization techniques. <i>Journal of Cleaner Production</i> , 2017, 162, 571-586.	4.6	96
11	Prognostication of energy use and environmental impacts for recycle system of municipal solid waste management. <i>Journal of Cleaner Production</i> , 2017, 154, 602-613.	4.6	93
12	Comprehensive model of energy, environmental impacts and economic in rice milling factories by coupling adaptive neuro-fuzzy inference system and life cycle assessment. <i>Journal of Cleaner Production</i> , 2019, 217, 742-756.	4.6	87
13	Application of data envelopment analysis approach for optimization of energy use and reduction of greenhouse gas emission in peanut production of Iran. <i>Journal of Cleaner Production</i> , 2018, 172, 1327-1335.	4.6	86
14	Exergoenvironmental damages assessment of horticultural crops using ReCiPe2016 and cumulative exergy demand frameworks. <i>Journal of Cleaner Production</i> , 2021, 278, 123788.	4.6	86
15	Applying optimization techniques to improve of energy efficiency and GHG (greenhouse gas) emissions of wheat production. <i>Energy</i> , 2016, 103, 672-678.	4.5	85
16	The short-term effects of COVID-19 outbreak on dietary diversity and food security status of Iranian households (A case study in Tehran province). <i>Journal of Cleaner Production</i> , 2021, 281, 124537.	4.6	83
17	Prospects of solar systems in production chain of sunflower oil using cold press method with concentrating energy and life cycle assessment. <i>Energy</i> , 2021, 223, 120117.	4.5	81
18	Energy optimization and greenhouse gas emissions mitigation for agricultural and horticultural systems in Northern Iran. <i>Energy</i> , 2019, 186, 115845.	4.5	78

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19	Gate to gate life cycle assessment of flat pressed particleboard production in Islamic Republic of Iran. <i>Journal of Cleaner Production</i> , 2016, 112, 343-350.	4.6	77
20	Understanding farm-level differences in environmental impact and eco-efficiency: The case of rice production in Iran. <i>Sustainable Production and Consumption</i> , 2021, 27, 1021-1029.	5.7	76
21	Principal of environmental life cycle assessment for medical waste during COVID-19 outbreak to support sustainable development goals. <i>Science of the Total Environment</i> , 2022, 827, 154416.	3.9	71
22	Environmental management of tea production using joint of life cycle assessment and data envelopment analysis approaches. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1116-1122.	1.3	69
23	Assessment of optimized pattern in milling factories of rice production based on energy, environmental and economic objectives. <i>Energy</i> , 2019, 169, 1259-1273.	4.5	65
24	A comparative of modeling techniques and life cycle assessment for prediction of output energy, economic profit, and global warming potential for wheat farms. <i>Energy Reports</i> , 2022, 8, 4922-4934.	2.5	63
25	Modeling energy consumption and greenhouse gas emissions for kiwifruit production using artificial neural networks. <i>Journal of Cleaner Production</i> , 2016, 133, 924-931.	4.6	59
26	Potential for optimization of energy consumption and costs in saffron production in central Iran through data envelopment analysis and multi-objective genetic algorithm. <i>Environmental Progress and Sustainable Energy</i> , 2022, 41, .	1.3	57
27	Applying novel eco-exergoenvironmental toxicity index to select the best irrigation system of sunflower production. <i>Energy</i> , 2022, 250, 123822.	4.5	54
28	An analysis of energy use and economic and environmental impacts in conventional tunnel and LED-equipped vertical systems in healing and acclimatization of grafted watermelon seedlings. <i>Journal of Cleaner Production</i> , 2022, 361, 132069.	4.6	50
29	Data supporting midpoint-weighting life cycle assessment and energy forms of cumulative exergy demand for horticultural crops. <i>Data in Brief</i> , 2020, 33, 106490.	0.5	49
30	Applying data envelopment analysis approach to improve energy efficiency and reduce greenhouse gas emission of rice production. <i>Engineering in Agriculture, Environment and Food</i> , 2014, 7, 155-162.	0.2	48
31	Applying data envelopment analysis to evaluation of energy efficiency and decreasing of greenhouse gas emissions of fattening farms. <i>Energy</i> , 2017, 120, 652-662.	4.5	47
32	Resource management in cropping systems using artificial intelligence techniques: a case study of orange orchards in north of Iran. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 413-427.	1.9	45
33	Analytical investigation of the effects of dam construction on the productivity and efficiency of farmers. <i>Journal of Cleaner Production</i> , 2016, 135, 549-557.	4.6	44
34	Neural network modeling of energy use and greenhouse gas emissions of watermelon production systems. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2016, 15, 38-47.	1.0	33
35	Optimization of energy consumption of dairy farms using data envelopment analysis – A case study: Qazvin city of Iran. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2018, 17, 217-228.	1.0	18
36	Determination of efficient and inefficient units for watermelon production-a case study: Guilan province of Iran. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2016, 15, 162-170.	1.0	17

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37	Life Cycle Assessment (LCA) Approach to Evaluate Different Waste Management Opportunities. , 2019, , 195-216.		16
38	Investigations of energy consumption and greenhouse gas emissions of fattening farms using artificial intelligence methods. Environmental Progress and Sustainable Energy, 2017, 36, 1546-1559.	1.3	15
39	Artificial neural networks and adaptive neuro-fuzzy inference system in energy modeling of agricultural products. , 2021, , 299-334.		13
40	Principle of Life Cycle Assessment and Cumulative Exergy Demand for Biodiesel Production: Farm-To-Combustion Approach. Green Energy and Technology, 2022, , 127-169.	0.4	12
41	Coupled life cycle assessment and data envelopment analysis to optimize energy consumption and mitigate environmental impacts in agricultural production. , 2021, , 227-264.		5
42	Evaluation of the Environmental Impact of Industrial and Traditional Broiler Chicken Production by Using Life Cycle Assessment. Research on Animal Production, 2019, 10, 64-74.	0.2	0