

# Fatemeh Joda

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12  
papers

380  
citations

8  
h-index

14  
g-index

14  
ext. papers

441  
ext. citations

5.6  
avg, IF

4  
L-index

#	Paper	IF	Citations
12	Multi-objective optimization of life cycle assessment of integrated waste management based on genetic algorithms: A case study of Tehran. <i>Journal of Cleaner Production</i> , <b>2020</b> , 247, 119153	10.3	19
11	Effect of Air Gap on thermohydraulic performance of finned tube bundles. <i>Thermal Science and Engineering Progress</i> , <b>2020</b> , 20, 100687	3.6	1
10	Heat transfer and entropy generation of water/Be <sub>3</sub> O <sub>4</sub> nanofluid under magnetic field by Euler-Lagrange method. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 139, 2023-2034	4.1	8
9	Exergoeconomic analysis of conventional and using reactive distillation biodiesel production scenarios thermally integrated with a combined power plant. <i>Renewable Energy</i> , <b>2019</b> , 132, 898-910	8.1	9
8	A Simplified Dynamic Thermokinetic-Based Model of Wood Gasification Process. <i>Process Integration and Optimization for Sustainability</i> , <b>2018</b> , 2, 269-279	2	5
7	Thermodynamic and economic analyses and optimization of a multi-generation system composed by a compressed air storage, solar dish collector, micro gas turbine, organic Rankine cycle, and desalination system. <i>Energy Conversion and Management</i> , <b>2018</b> , 168, 467-481	10.6	49
6	Exergy analysis of a Combined Cooling, Heating and Power system integrated with wind turbine and compressed air energy storage system. <i>Energy Conversion and Management</i> , <b>2017</b> , 131, 69-78	10.6	164
5	Exergoeconomic effect of adding a new feedwater heater to a steam power plant. <i>Mechanics and Industry</i> , <b>2017</b> , 18, 224	0.8	11
4	Exergic, economic and environmental impacts of natural gas and diesel in operation of combined cycle power plants. <i>Energy Conversion and Management</i> , <b>2016</b> , 109, 103-112	10.6	51
3	Pressure drop optimisation in design of multi-stream plate-fin heat exchangers, considering variable physical properties. <i>Canadian Journal of Chemical Engineering</i> , <b>2013</b> , 91, 1650-1659	2.3	7
2	Application of artificial neural networks (ANN) for modeling of industrial hydrogen plant. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 6289-6297	6.7	51
1	Application of genetic algorithms in design and optimisation of multi-stream plate-fin heat exchangers. <i>Canadian Journal of Chemical Engineering</i> , <b>2013</b> , 91, 870-881	2.3	5