

# Amin Mohammadi

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/11089428/amin-mohammadi-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

16  
papers

949  
citations

14  
h-index

16  
g-index

16  
ext. papers

1,147  
ext. citations

7.5  
avg, IF

5.14  
L-index

#	Paper	IF	Citations
16	Techno-economic analysis of new integrated system of humid air turbine, organic Rankine cycle, and parabolic trough collector. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 139, 2691-2703	4.1	16
15	Thermodynamic and economic analyses of hydrogen production system using high temperature solid oxide electrolyzer integrated with parabolic trough collector. <i>Journal of Cleaner Production</i> , <b>2019</b> , 212, 713-726	10.3	23
14	Exergy analysis and optimization of a CCHP system composed of compressed air energy storage system and ORC cycle. <i>Energy Conversion and Management</i> , <b>2018</b> , 157, 111-122	10.6	68
13	Thermodynamic analysis of a new cascade ORC and transcritical CO <sub>2</sub> cycle to recover energy from medium temperature heat source and liquefied natural gas. <i>Energy Conversion and Management</i> , <b>2018</b> , 167, 9-20	10.6	30
12	Exergy analysis and optimisation of waste heat recovery systems for cement plants. <i>International Journal of Sustainable Energy</i> , <b>2018</b> , 37, 115-133	2.7	10
11	Techno-economic analysis of hydrogen production by solid oxide electrolyzer coupled with dish collector. <i>Energy Conversion and Management</i> , <b>2018</b> , 173, 167-178	10.6	37
10	Thermoeconomic analysis and multiobjective optimization of a combined gas turbine, steam, and organic Rankine cycle. <i>Energy Science and Engineering</i> , <b>2018</b> , 6, 506-522	3.4	38
9	A comprehensive review on coupling different types of electrolyzer to renewable energy sources. <i>Energy</i> , <b>2018</b> , 158, 632-655	7.9	102
8	Economic evaluation of different scenarios for gas turbine waste heat recovery to produce water and power. <i>International Journal of Ambient Energy</i> , <b>2017</b> , 38, 727-734	2	5
7	Advanced exergy and exergoeconomic analyses of a hydrogen liquefaction plant equipped with mixed refrigerant system. <i>Journal of Cleaner Production</i> , <b>2017</b> , 144, 248-259	10.3	66
6	Energy, exergy and economic analyses of a novel system to recover waste heat and water in steam power plants. <i>Energy Conversion and Management</i> , <b>2017</b> , 144, 351-360	10.6	62
5	Thermoeconomic analysis and optimization of a regenerative two-stage organic Rankine cycle coupled with liquefied natural gas and solar energy. <i>Energy</i> , <b>2017</b> , 126, 899-914	7.9	65
4	Thermodynamic analysis of a combined gas turbine, ORC cycle and absorption refrigeration for a CCHP system. <i>Applied Thermal Engineering</i> , <b>2017</b> , 111, 397-406	5.8	102
3	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
2	Exergy analysis and optimization of an integrated micro gas turbine, compressed air energy storage and solar dish collector process. <i>Journal of Cleaner Production</i> , <b>2016</b> , 139, 372-383	10.3	97
1	Thermodynamic analysis and optimization of a waste heat recovery system for proton exchange membrane fuel cell using transcritical carbon dioxide cycle and cold energy of liquefied natural gas. <i>Journal of Natural Gas Science and Engineering</i> , <b>2016</b> , 34, 428-438	4.6	64