

Kiyarash Rahbar

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/310370/kiyarash-rahbar-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

573
citations

12
h-index

16
g-index

16
ext. papers

701
ext. citations

7.7
avg, IF

4.24
L-index

#	Paper	IF	Citations
16	3-D numerical simulation and experimental study of PV module self-cleaning based on dew formation and single axis tracking. <i>Applied Energy</i> , 2022 , 316, 119119	10.7	0
15	Design and manufacturing a small-scale radial-inflow turbine for clean organic Rankine power system. <i>Journal of Cleaner Production</i> , 2020 , 257, 120488	10.3	8
14	Performance enhancement and optimization of solar chimney power plant integrated with transparent photovoltaic cells and desalination method. <i>Sustainable Cities and Society</i> , 2019 , 46, 101441	10.1	22
13	Heat recovery of nano-fluid based concentrating Photovoltaic Thermal (CPV/T) Collector with Organic Rankine Cycle. <i>Energy Conversion and Management</i> , 2019 , 179, 373-396	10.6	38
12	Development and experimental study of a small-scale compressed air radial inflow turbine for distributed power generation. <i>Applied Thermal Engineering</i> , 2017 , 116, 549-583	5.8	15
11	A comprehensive study of kinetics mechanism of Fischer-Tropsch synthesis over cobalt-based catalyst. <i>Chemical Engineering Science</i> , 2017 , 171, 32-60	4.4	27
10	Review of organic Rankine cycle for small-scale applications. <i>Energy Conversion and Management</i> , 2017 , 134, 135-155	10.6	188
9	Feasibility study of power generation through waste heat recovery of wood burning stove using the ORC technology. <i>Sustainable Cities and Society</i> , 2017 , 35, 594-614	10.1	10
8	Parametric Study and Multiobjective Optimization of Fixed-Bed Fischer-Tropsch (FT) Reactor: The Improvement of FT Synthesis Product Formation and Synthetic Conversion. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 9446-9466	3.9	4
7	Three dimensional optimization of small-scale axial turbine for low temperature heat source driven organic Rankine cycle. <i>Energy Conversion and Management</i> , 2017 , 133, 411-426	10.6	26
6	Mean-line modeling and CFD analysis of a miniature radial turbine for distributed power generation systems. <i>International Journal of Low-Carbon Technologies</i> , 2016 , 11, 157-168	2.8	17
5	Minimization of loss in small scale axial air turbine using CFD modeling and evolutionary algorithm optimization. <i>Applied Thermal Engineering</i> , 2016 , 102, 841-848	5.8	18
4	Parametric analysis and optimization of a small-scale radial turbine for Organic Rankine Cycle. <i>Energy</i> , 2015 , 83, 696-711	7.9	66
3	Modelling of a fixed bed reactor for Fischer-Tropsch synthesis of simulated N ₂ -rich syngas over Co/SiO ₂ : Hydrocarbon production. <i>Fuel</i> , 2015 , 154, 140-151	7.1	35
2	Modelling and optimization of organic Rankine cycle based on a small-scale radial inflow turbine. <i>Energy Conversion and Management</i> , 2015 , 91, 186-198	10.6	78
1	Catalytic performance of cobalt-silica catalyst for Fischer-Tropsch synthesis: Effects of reaction rates on efficiency of liquid synthesis. <i>Chemical Engineering Science</i> , 2015 , 134, 374-384	4.4	21