

# Fahid Riaz

## List of Publications by Year in descending order

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25  
papers

230  
citations

1162889

8  
h-index

1058333

14  
g-index

25  
all docs

25  
docs citations

25  
times ranked

183  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and analysis of liquid cooling plates for different flow channel configurations. Thermal Science, 2022, 26, 1463-1475.	0.5	2
2	Artificial intelligence based operational strategy development and implementation for vibration reduction of a supercritical steam turbine shaft bearing. AEJ - Alexandria Engineering Journal, 2022, 61, 1864-1880.	3.4	20
3	Modeling, analysis and optimization of carousel-based flexible manufacturing system. Journal of Industrial and Production Engineering, 2022, 39, 479-493.	2.1	1
4	Recent developments in adsorption heat pumps for heating applications. Advances in Mechanical Engineering, 2022, 14, 168781322210894.	0.8	3
5	Construction of Operational Data-Driven Power Curve of a Generator by Industry 4.0 Data Analytics. Energies, 2021, 14, 1227.	1.6	18
6	Design and Energy Analysis of a Solar Desiccant Evaporative Cooling System with Built-In Daily Energy Storage. Energies, 2021, 14, 2429.	1.6	7
7	Direct Analytical Modeling for Optimal, On-Design Performance of Ejector for Simulating Heat-Driven Systems. Energies, 2021, 14, 2819.	1.6	4
8	Refining and Reuse of Waste Lube Oil in SI Engines: A Novel Approach for a Sustainable Environment. Energies, 2021, 14, 2937.	1.6	10
9	Response Surface Methodology Routed Optimization of Performance of Hydroxy Gas Enriched Diesel Fuel in Compression Ignition Engines. Processes, 2021, 9, 1355.	1.3	7
10	Artificial Neural Network Led Optimization of Oxyhydrogen Hybridized Diesel Operated Engine. Sustainability, 2021, 13, 9373.	1.6	6
11	Biomass waste utilization for adsorbent preparation in CO2 capture and sustainable environment applications. Sustainable Energy Technologies and Assessments, 2021, 46, 101288.	1.7	14
12	Investigation of particles deposition in a square duct using optimized roughness elements for a sustainable environment. Advances in Mechanical Engineering, 2021, 13, 168781402110490.	0.8	0
13	Energy analysis of a solar driven vaccine refrigerator using environment-friendly refrigerants for off-grid locations. Energy Conversion and Management: X, 2021, 11, 100095.	0.9	7
14	Thermal Analysis and Energy Efficiency Improvements in Tunnel Kiln for Sustainable Environment. Processes, 2021, 9, 1629.	1.3	6
15	An Experimental and Comparative Performance Evaluation of a Hybrid Photovoltaic-Thermoelectric System. Frontiers in Energy Research, 2021, 9, .	1.2	13
16	Analysis and optimization of a modified Kalina cycle system for low-grade heat utilization. Energy Conversion and Management: X, 2021, 12, 100121.	0.9	2
17	Updates on Evaporation and Condensation Methods for the Performance Improvement of Solar Stills. Energies, 2021, 14, 7050.	1.6	7
18	Thermal modelling and optimization of low-grade waste heat driven ejector refrigeration system incorporating a direct ejector model. Applied Thermal Engineering, 2020, 167, 114710.	3.0	33

#	ARTICLE	IF	CITATIONS
19	Energy Analysis of a Novel Ejector-Compressor Cooling Cycle Driven by Electricity and Heat (Waste) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	11
20	Energy Analysis of a New Combined Cooling and Power System for Low-Temperature Heat Utilization. , 2020, , .		2
21	Cold gas propulsion microthruster for feed gas utilization in micro satellites. Applied Energy, 2018, 220, 921-933.	5.1	21
22	Analysis of conditions favourable for small vertical axis wind turbines between building passages in urban areas of Sweden. International Journal of Sustainable Energy, 2017, 36, 450-461.	1.3	4
23	Analysis of Low-Grade Waste Heat Driven Systems for Cooling and Power for Tropical Climate. Energy Procedia, 2017, 143, 389-395.	1.8	7
24	Cold gas micro propulsion development for satellite application. Energy Procedia, 2017, 143, 754-761.	1.8	25
25	Experimental comparison between R134a/R744 and R438A/R744 (dropâ€in) cascade refrigeration systems based on energy consumption and greenhouse gases emissions. Energy Science and Engineering, 0, , .	1.9	0