

# Mehmet Ziya Sogut

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

672  
citations

687363

13  
h-index

580821

25  
g-index

51  
all docs

51  
docs citations

51  
times ranked

555  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy and exergy analyses of a raw mill in a cement production. Applied Thermal Engineering, 2006, 26, 2479-2489.	6.0	100
2	Mathematical modeling of heat recovery from a rotary kiln. Applied Thermal Engineering, 2010, 30, 817-825.	6.0	93
3	Energetic and exergetic assessment of a trass mill process in a cement plant. Energy Conversion and Management, 2009, 50, 2316-2323.	9.2	56
4	Game theory approach in decisional process of energy management for industrial sector. Energy Conversion and Management, 2013, 74, 70-80.	9.2	53
5	Energetic and exergetic performance evaluation of the quadruple-effect evaporator unit in tomato paste production. Energy, 2010, 35, 3821-3826.	8.8	52
6	Assessment of thermodynamic performance and exergetic sustainability of turboprop engine using mixture of kerosene and methanol. International Journal of Exergy, 2016, 19, 295.	0.4	34
7	An integrated research for architecture-based energy management in sustainable airports. Energy, 2017, 140, 1387-1397.	8.8	32
8	A research on exergy consumption and potential of total CO2 emission in the Turkish cement sector. Energy Conversion and Management, 2012, 56, 37-45.	9.2	31
9	Customised application of exergy analysis method to PW120A turboprop engine for performance evaluation. International Journal of Exergy, 2016, 20, 48.	0.4	28
10	Economic and Environmental Optimization of an Airport Terminal Building's Wall and Roof Insulation. Sustainability, 2017, 9, 1849.	3.2	27
11	Assessment of degradation effects for an aircraft engine considering exergy analysis. Energy, 2017, 140, 1417-1426.	8.8	20
12	Energy and exergy analyses in a thermal process of a production line for a cement factory and applications. International Journal of Exergy, 2008, 5, 218.	0.4	14
13	A new strategic approach of energy management onboard ships supported by exergy and economic criteria: A case study of a cargo ship. Ocean Engineering, 2021, 219, 108137.	4.3	14
14	Investigation of effect of varying dead-state temperatures on energy and exergy efficiencies of a Raw Mill process in a cement plant. International Journal of Exergy, 2009, 6, 655.	0.4	13
15	Investigation of thermodynamics performance of alternative jet fuels based on decreasing threat of paraffinic and sulfur. Energy, 2019, 181, 1114-1120.	8.8	12
16	Refrigeration inventory based on CO2 emissions and exergetic performance for supermarket applications. Energy and Buildings, 2012, 51, 84-92.	6.7	11
17	Investigation of environmental and exergetic performance for coal-preparation units in cement production processes. Energy, 2012, 46, 72-77.	8.8	10
18	New approach for assessment of environmental effects based on entropy optimization of jet engine. Energy, 2021, 234, 121250.	8.8	10

#	ARTICLE	IF	CITATIONS
19	Assessment of small scale turbojet engine considering environmental and thermodynamics performance for flight processes. <i>Energy</i> , 2020, 200, 117519.	8.8	9
20	Developing CO <sub>2</sub> Emission Parameters to Measure the Environmental Impact on Cooling Applications. <i>International Journal of Green Energy</i> , 2015, 12, 65-72.	3.8	7
21	Exergetic Irreversibility and Sustainability Performances for Alternative Fuels in the Micro-Turbojet Engine. <i>International Journal of Green Energy</i> , 2018, 15, 169-180.	3.8	7
22	Investigation of Environmental Effects Based on Exergetic Irreversibility for Display Cases™ Units in Commercial Cooling. <i>International Journal of Green Energy</i> , 2015, 12, 15-22.	3.8	5
23	Exergetic and environmental assessment of room air conditioners in Turkish market. <i>Energy</i> , 2012, 46, 32-41.	8.8	4
24	Exergy analysis of an air-blasted combustor: an application for atmospheric test rig condition. <i>International Journal of Exergy</i> , 2016, 20, 1.	0.4	4
25	Impact assessment of CO <sub>2</sub> emissions caused by exergy losses in the cement sector. <i>International Journal of Exergy</i> , 2011, 9, 280.	0.4	3
26	Concept mapping sustainable energy management for a holistic approach to energy strategies. <i>International Journal of Global Warming</i> , 2016, 10, 75.	0.5	3
27	Sustainable carbon management in corporate governance: A case study. <i>Energy Procedia</i> , 2019, 158, 3302-3307.	1.8	3
28	Assessment of Aircraft Noise Emissions at International Eskisehir Hasan Polatkan Airport with Multiple Approach Model. <i>Journal of Aerospace Technology and Management</i> , 0, 13, .	0.3	3
29	A study on the exergetic and environmental effects of commercial cooling systems. <i>International Journal of Exergy</i> , 2011, 9, 414.	0.4	2
30	Examination of performance indicators' effects based on propulsion parameters in a turboprop engine. <i>International Journal of Exergy</i> , 2016, 21, 186.	0.4	2
31	Investigation of effects of hydraulic balance in mechanical system based on energetic and exergetic efficiency in industrial buildings. <i>International Journal of Exergy</i> , 2016, 19, 500.	0.4	2
32	Prediction and simulation of aircraft noise in the international Eskisehir Hasan Polatkan airport (LTBY). <i>Aircraft Engineering and Aerospace Technology</i> , 2021, 93, 171-179.	1.2	2
33	Investigation of thermodynamic performance based on the humidity effect in the aircraft environmental control systems. <i>International Journal of Sustainable Aviation</i> , 2015, 1, 203.	0.2	1
34	Comparative analysis of various refrigerants used in transport refrigeration based on thermodynamics and environmental performances and cold chain management. <i>International Journal of Global Warming</i> , 2019, 19, 407.	0.5	1
35	Optimization of recirculating laminar air flow in operating room air conditioning systems. <i>International Journal of Optimization and Control: Theories and Applications</i> , 2016, 6, 115-120.	1.7	1
36	Investigation of Fuel Preference Effects for Integrated Buildings Considering Low-Carbon Approach: A Case Study. <i>Green Energy and Technology</i> , 2020, , 137-153.	0.6	1

#	ARTICLE	IF	CITATIONS
37	Volatile organic compounds in aircraft cabins. International Journal of Sustainable Aviation, 2020, 6, 87.	0.2	1
38	Assessment of thermodynamics performance with sustainable propulsion indicators of a seaplane engine for different temperatures in the same altitude. International Journal of Green Energy, 2017, 14, 1130-1140.	3.8	0
39	Indicators of Sustainability Energy Management Based on Energy Audit for Hotels. Green Energy and Technology, 2018, , 1013-1031.	0.6	0
40	Thermodynamics performance of cooling pumps based on different sea water temperatures in main engine of a cargo ship. International Journal of Global Warming, 2019, 18, 253.	0.5	0
41	Exergy Approach to Evaluate Performance of a Mini Class Turboprop Engine. Lecture Notes in Energy, 2017, , 465-475.	0.3	0
42	Assessment of thermodynamic and environmental performances in subcooling process for different refrigerants. International Journal of Exergy, 2017, 24, 216.	0.4	0
43	The Impact of Developed Energy Efficiency Model on Vessel Valuation. Green Energy and Technology, 2018, , 311-324.	0.6	0
44	A Framework of Economic and Environmental Assessment of Solar Energy Water Heating System for Public Buildings. Green Energy and Technology, 2018, , 495-509.	0.6	0
45	Determination of optimum insulation thickness for building's walls with respect to different insulation materials: a case study of International Hasan Polatkan Airport terminal. International Journal of Sustainable Aviation, 2018, 4, 147.	0.2	0
46	Comparative analysis of various refrigerants used in transport refrigeration based on thermodynamics and environmental performances and cold chain management. International Journal of Global Warming, 2019, 19, 407.	0.5	0
47	Assessment of Enterprise Emission Inventory Considering Entropy Production for a Cement Production Line. Green Energy and Technology, 2020, , 69-85.	0.6	0