

# K Manjunath

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

428  
citations

1307594

7  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Second law thermodynamic study of heat exchangers: A review. Renewable and Sustainable Energy Reviews, 2014, 40, 348-374.	16.4	135
2	Thermodynamic analysis and optimization of a supercritical CO <sub>2</sub> regenerative recompression Brayton cycle coupled with a marine gas turbine for shipboard waste heat recovery. Thermal Science and Engineering Progress, 2017, 3, 62-74.	2.7	103
3	Thermodynamic analysis of a supercritical/transcritical CO <sub>2</sub> based waste heat recovery cycle for shipboard power and cooling applications. Energy Conversion and Management, 2018, 155, 262-275.	9.2	93
4	A parametric study of a concentrating integral storage solar water heater for domestic uses. Applied Thermal Engineering, 2017, 111, 734-744.	6.0	29
5	THE SECOND LAW ANALYSIS OF AN UNBALANCED CONSTRUCTAL HEAT EXCHANGER. International Journal of Green Energy, 2014, 11, 173-192.	3.8	15
6	Entropy Generation and Thermo-economic Analysis of Constructal Heat Exchanger. Heat Transfer - Asian Research, 2014, 43, 39-60.	2.8	15
7	Entropy generation and thermoeconomic analysis of printed circuit heat exchanger using different materials for supercritical CO <sub>2</sub> based waste heat recovery. Materials Today: Proceedings, 2020, 21, 1525-1532.	1.8	11
8	Second law analysis of condenser by using new heat transfer and pressure drop model based on flow regimes. International Journal of Exergy, 2011, 9, 255.	0.4	6
9	Second Law Efficiency Analysis of Heat Exchangers. Heat Transfer - Asian Research, 2015, 44, 89-108.	2.8	6
10	Techno-economic analysis of an integrated collector storage solar water heater with CPC reflector for households. International Journal of Ambient Energy, 2018, 39, 885-890.	2.5	6
11	Entropy generation and thermoeconomic analysis of the wire-and-tube condenser. International Journal of Ambient Energy, 2014, 35, 80-93.	2.5	4
12	The Effect of Eco-friendly Refrigerants on Performance of Vapor Compression Refrigeration System with Dedicated Mechanical Subcooling. Lecture Notes in Civil Engineering, 2020, , 43-54.	0.4	3
13	Collector characterisation and heat loss tests on a novel batch solar water heater with CPC reflector for households. International Journal of Ambient Energy, 2020, 41, 759-766.	2.5	1
14	Optimization of Nanofluid Parameters for Double Pipe Heat Exchanger. Lecture Notes in Mechanical Engineering, 2022, , 803-814.	0.4	1
15	Second law thermodynamic analysis of imbalanced counter flow heat exchanger for energy conservation. WEENTECH Proceedings in Energy, 0, , 250-262.	0.0	0