

Abhijit Dutta

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

74
citations

1937685

4
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance analysis of human cardiorespiratory system based on the second law of thermodynamics. International Journal of Exergy, 2021, 34, 29.	0.4	8
2	Performance analysis of human respiratory system based on the second law of thermodynamics. Journal of Thermal Biology, 2021, 96, 102862.	2.5	6
3	A Brief on Biological Thermodynamics for Human Physiology. Journal of Biomechanical Engineering, 2021, 143, .	1.3	1
4	An investigation of the second law performance for a condenser used in 210MW thermal power station. Case Studies in Thermal Engineering, 2021, 26, 100992.	5.7	4
5	Thermodynamic effect of RNA virus infection on the human cardiovascular system. Journal of Thermal Biology, 2021, 100, 103039.	2.5	1
6	Exergetic analysis of human respiratory system including effect of age and gender. International Journal of Exergy, 2020, 31, 370.	0.4	7
7	Entropy generation in the human lung due to effect of psychrometric condition and friction in the respiratory tract. Computer Methods and Programs in Biomedicine, 2019, 180, 105010.	4.7	40
8	A COMPARATIVE STUDY ON THE ENTROPY GENERATION IN THE HUMAN RESPIRATORY TRACT BASED ON HESS'S MURRAY LAW AND WEIBEL EXPERIMENTED RESULT. Journal of Mechanics in Medicine and Biology, 2019, 19, 1950046.	0.7	7