

# Abhijit Dutta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1058068/publications.pdf>

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	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
2	Performance analysis of human cardiorespiratory system based on the second law of thermodynamics. International Journal of Exergy, 2021, 34, 29.	0.4	8
3	A COMPARATIVE STUDY ON THE ENTROPY GENERATION IN THE HUMAN RESPIRATORY TRACT BASED ON HESSâ€™MURRAY LAW AND WEIBEL EXPERIMENTED RESULT. Journal of Mechanics in Medicine and Biology, 2019, 19, 1950046.	0.7	7
4	Exergetic analysis of human respiratory system including effect of age and gender. International Journal of Exergy, 2020, 31, 370.	0.4	7
5	Performance analysis of human respiratory system based on the second law of thermodynamics. Journal of Thermal Biology, 2021, 96, 102862.	2.5	6
6	An investigation of the second law performance for a condenser used in 210ÂMW thermal power station. Case Studies in Thermal Engineering, 2021, 26, 100992.	5.7	4
7	A Brief on Biological Thermodynamics for Human Physiology. Journal of Biomechanical Engineering, 2021, 143, .	1.3	1
8	Thermodynamic effect of RNA virus infection on the human cardiovascular system. Journal of Thermal Biology, 2021, 100, 103039.	2.5	1