

# Anuj Mathur

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

526  
citations

933264

10  
h-index

940416

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal performance and comfort assessment of U-shape and helical shape earth-air heat exchanger in India. Energy and Built Environment, 2022, 3, 171-180.	2.9	7
2	Adaptive thermal comfort study of workers in a mini-industrial unit during summer and winter season in a tropical country, India. Building and Environment, 2021, 197, 107874.	3.0	10
3	Impact assessment of air velocity on thermal comfort in composite climate of India. Science and Technology for the Built Environment, 2020, 26, 1301-1320.	0.8	10
4	Quantification of thermal environments and comfort expectations of residents in hostel dormitories during hot and humid days in Indian composite climate. Advances in Building Energy Research, 2020, , 1-35.	1.1	5
5	Occupant's thermal comfort expectations in naturally ventilated engineering workshop building: A case study at high metabolic rates. Energy and Buildings, 2020, 217, 109970.	3.1	26
6	Computational Fluid Dynamics Simulation Based Comparison of Different Pipe Layouts in an EATHE System for Cooling Operation. Journal of Thermal Science and Engineering Applications, 2019, 11, .	0.8	9
7	Thermal performance and comfort potential estimation in low-rise high thermal mass naturally ventilated office buildings in India: An experimental study. Journal of Building Engineering, 2018, 20, 569-584.	1.6	36
8	Evaluation of comfort preferences and insights into behavioural adaptation of students in naturally ventilated classrooms in a tropical country, India. Building and Environment, 2018, 143, 532-547.	3.0	40
9	Comparative study of straight and spiral earth air tunnel heat exchanger system operated in cooling and heating modes. Renewable Energy, 2017, 108, 474-487.	4.3	52
10	Numerical investigation of the performance and soil temperature recovery of an EATHE system under intermittent operations. Renewable Energy, 2016, 95, 510-521.	4.3	45
11	Thermal performance investigation and optimisation of fin type solar air heater - a CFD approach. Progress in Computational Fluid Dynamics, 2016, 16, 58.	0.1	3
12	Transient effect of soil thermal diffusivity on performance of EATHE system. Energy Reports, 2015, 1, 17-21.	2.5	38
13	Investigation of soil thermal saturation and recovery under intermittent and continuous operation of EATHE. Energy and Buildings, 2015, 109, 291-303.	3.1	52
14	CFD analysis of EATHE system under transient conditions for intermittent operation. Energy and Buildings, 2015, 87, 37-44.	3.1	52
15	Techno-economic analysis of solar photovoltaic power plant for garment zone of Jaipur city. Case Studies in Thermal Engineering, 2014, 2, 1-7.	2.8	126
16	Techno-economic analysis of solar parabolic trough type energy system for garment zone of Jaipur city. Renewable and Sustainable Energy Reviews, 2013, 17, 104-109.	8.2	15