

# Anuj Mathur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7992707/publications.pdf>

Version: 2024-02-01

16  
papers

526  
citations

933264

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h-index

940416

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all docs

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docs citations

16  
times ranked

374  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Investigation of soil thermal saturation and recovery under intermittent and continuous operation of EATHE. Energy and Buildings, 2015, 109, 291-303.	3.1	52
3	CFD analysis of EATHE system under transient conditions for intermittent operation. Energy and Buildings, 2015, 87, 37-44.	3.1	52
4	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
5	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
6	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
7	Transient effect of soil thermal diffusivity on performance of EATHE system. Energy Reports, 2015, 1, 17-21.	2.5	38
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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